

## Product datasheet

# Recombinant Human LRG1/LRG protein ab182835

### Description

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|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name</b>                    | Recombinant Human LRG1/LRG protein                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                          | > 90 % SDS-PAGE.<br>ab182835 was expressed in E.coli as inclusion bodies, refolded using a unique “temperature shift inclusion body refolding” technology and chromatographically purified.                                                                                                                                                                                                                |
| <b>Expression system</b>               | Escherichia coli                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Accession</b>                       | <a href="#">P02750</a>                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein length</b>                  | Full length protein                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Animal free</b>                     | No                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Nature</b>                          | Recombinant                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>                         | Human                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Sequence</b>                        | MASMTGGQQMGRGHHHHHHENLYFQGGEFVTLSPKDCQ<br>VFRSDHGSSISC<br>QPPAEIPGYLPADTVHLAVEFFNLTHLPANLLQGASKLQEL<br>HLSSNGLES<br>LSPEFLRPVQQLRVLDLTRNALTGLPPGLFQASATLDTLVL<br>KENQLEVLE<br>VSWLHGLKALGHLDLSGNRLRKLPPGLLANFTLLRTLDTLG<br>ENQLETLPD<br>LLRGPLQLERLHLEGNKLQVLGKDLLLPQPDRLRYLFLNGN<br>KLARVAAGAF<br>QGLRQLDMLDLSNNSLASVPEGLWASLGQPNWDMRDG<br>FDISGNPWICDQN<br>LSDLYRWLQAQKDKMFSQNDTRCAGPEAVKGQTLLEVA<br>KSQ |
| <b>Predicted molecular weight</b>      | 38 kDa including tags                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Amino acids</b>                     | 36 to 347                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Additional sequence information</b> | Constructed with codon optimization and expressed with a small T7-His-TEV cleavage site tag (29aa) fusion at its N-terminal (NP_443204.1).                                                                                                                                                                                                                                                                 |

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab182835** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                         |                                              |
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| <b>Applications</b>     | SDS-PAGE                                     |
| <b>Form</b>             | Liquid                                       |
| <b>Additional notes</b> | This product was previously labelled as LRG1 |

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## Preparation and Storage

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|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability and Storage</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -80°C.<br>pH: 8.00<br>Constituent: 0.32% Tris HCl<br><br>Contains NaCl, KCl, EDTA, arginine, DTT and Glycerol. |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## General Info

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|------------------------------|--------------------------------------------------------------------|
| <b>Tissue specificity</b>    | Plasma.                                                            |
| <b>Sequence similarities</b> | Contains 8 LRR (leucine-rich) repeats.<br>Contains 1 LRRCT domain. |
| <b>Cellular localization</b> | Secreted.                                                          |

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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