

Product datasheet

Natural Human LRG1 protein ab115506

[1 Image](#)

Overview

Product name	Natural Human LRG1 protein
Protein length	Full length protein

Description

Nature	Native
Source	Native

Amino Acid Sequence

Accession	P02750
Species	Human
Molecular weight	34 kDa
Amino acids	36 to 347

Specifications

Our [Abpromise guarantee](#) covers the use of **ab115506** in the following tested applications.

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

Applications	Western blot ELISA Functional Studies
Endotoxin level	< 1.000 Eu/μg
Form	Lyophilised
Additional notes	All blood samples used for protein preparation were tested and found negative for HBsAg, anti-HCV, HIV Ag/Ab, and syphilis. Identification of LRG from human serum by LC-MS/MS – The band of related protein was excised from the polyacrylamide gel and in-gel digested by trypsin (20ng/μL) for 2 hours in 40°C. Tryptic peptides were analysed by LC-MS/MS. The MASCOT score for LRG was 569 with 28% sequence coverage. MS/MS analysis of seven peptides yielded significant individual ions scores (for scores >50, p<0.05)

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C.

pH: 7.50

Constituents: 0.12% Sodium chloride, 0.24% Tris

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

General Info

Tissue specificity

Plasma.

Sequence similarities

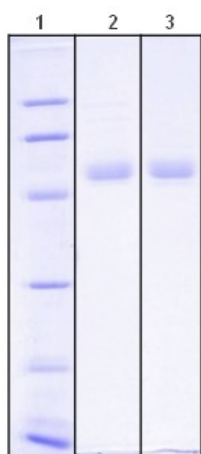
Contains 8 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Cellular localization

Secreted.

Images



SDS-PAGE analysis of Human LRG1: 12%

gel stained with Coomassie Brilliant Blue R250

Lane 1. M.W. marker – 14, 21, 31, 45, 66, 97

kDa

Lane 2. reduced and heated sample, 5µg/lane

Lane 3. non-reduced and non-heated sample,

5µg/lane

SDS-PAGE - LRG1 protein (ab115506)

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