

## Product datasheet

# Recombinant Human CARHSP1 protein ab116535

★★★★★ 1 Abreviews 1 Image

### Overview

|                       |                                   |
|-----------------------|-----------------------------------|
| <b>Product name</b>   | Recombinant Human CARHSP1 protein |
| <b>Protein length</b> | Full length protein               |

### Description

|                            |                        |
|----------------------------|------------------------|
| <b>Nature</b>              | Recombinant            |
| <b>Source</b>              | Escherichia coli       |
| <b>Amino Acid Sequence</b> |                        |
| <b>Accession</b>           | <a href="#">Q9Y2V2</a> |
| <b>Species</b>             | Human                  |

|                 |  |
|-----------------|--|
| <b>Sequence</b> | <p>MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEG<br/> DKWRNKKFELGL<br/> EFPNLPYYIDGDVKLTQSMAIRYADKHNLGGCPKER<br/> AEISMLEGAVL<br/> DIRYGVSRIAYSKDFETLKVDFLSKLPPEMLKMFEDRLC<br/> HKTYLNGDHVTH<br/> PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRERIAIPQ<br/> IDKYLKSSKYA<br/> WPLQGWQATFGGGDHPPKSDLEVLFGGPLGSPEFAT<br/> MYPYDVPDYASSEP<br/> PPPPQPPTHQASVGLLDTPRSRERSPSPLRGNVPS<br/> PLPTRRTRTF SATV<br/> RASQGPVYKGVCKCFCRSKGHGFITPADGGPDIFLHIS<br/> DVEGEYVPVEGD<br/> EVTYKMCSIPPKNEKLQAVEVVITHLAPGTKHETWSGH<br/> VISS</p> |
|-----------------|--|

|                         |                       |
|-------------------------|-----------------------|
| <b>Molecular weight</b> | 44 kDa including tags |
| <b>Amino acids</b>      | 2 to 147              |

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab116535** in the following tested applications.

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

|                          |  |
|--------------------------|--|
| <b>Applications</b>      | SDS-PAGE<br>Mass Spectrometry<br>Western blot  |
| <b>Mass spectrometry</b> | MALDI-TOF-TOF  |
| <b>Form</b>              | Liquid   |
| <b>Additional notes</b>  | ab116535 was alkylated, digested with trypsin and the mass of the resultant peptides determined by MADLI-TOF/TOF. The peptides obtained gave 43 % sequence coverage of CRHSP24. Theoretical pI: 6.08 |

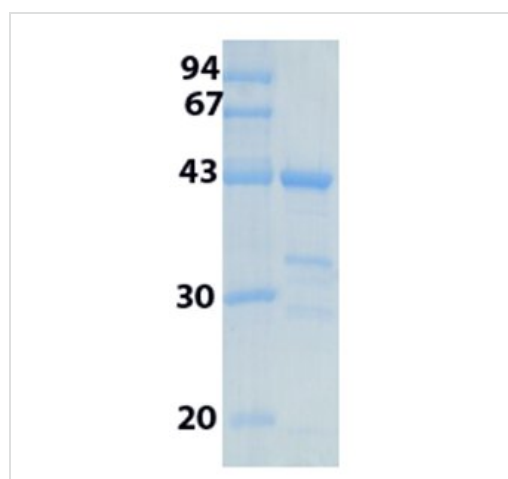
## Preparation and Storage

|                              |  |
|------------------------------|--|
| <b>Stability and Storage</b> | Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.<br>pH: 7.50<br>Constituents: 0.02% Brij, 0.012% Benzamidine, 0.003% EGTA, 0.003% PMSF, 0.1% Beta mercaptoethanol, 0.79% Tris HCl, 9.24% Sucrose, 0.88% Sodium chloride |
|------------------------------|--|

## General Info

|   |  |
|---|--|
| <b>Function</b>                         | Binds mRNA and regulates the stability of target mRNA. Binds single-stranded DNA (in vitro).   |
| <b>Sequence similarities</b>            | Contains 1 CSD (cold-shock) domain.  |
| <b>Post-translational modifications</b> | Dephosphorylated by calcineurin in a Ca(2+) dependent manner.  |
| <b>Cellular localization</b>            | Cytoplasm. Cytoplasm > P-body. Cytoplasmic granule. Detected at cytoplasmic stress granules and P-bodies. Detected at exosome granules where mRNA is degraded. |

## Images



12 % SDS-PAGE gel showing ab116535.

SDS-PAGE - Recombinant Human CARHSP1 protein (ab116535)

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