

Product datasheet

Recombinant Human FRS2 protein ab132038

[1 Image](#)

Description

| | |
|-----------------------------------|--|
| Product name | Recombinant Human FRS2 protein |
| Expression system | Wheat germ |
| Accession | <u>Q8WU20</u> |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | MGSCCSCPDKDTPDNHRNKFKVIN/DDDGNELGSGIME LTDTELILYTR KRDSVKWHYLCLRRYGYSNLF SFESGRRCQTGGIFAF KCARAEELFNM LQEIMQNNSINVVEEPVVERNHHQTELEVPRTPRPTTPG FAAQNLPNGY PRYPSFGDASSHPSSRHPSVGSARLPSVGEESTHPLLVA EEQVHTYVNTT GVQEERKNRTSVHVPLEARVSNAESSTPKEEPSSIEDRD PQILLEPEGVK FVLGPTPVQKQLMEKEKLEQLGRDQVSGSGANTEWDT GYDSDERRDAPS VNKLVEENINGLSIPSASGVRRGRLTSTSTSDTQINNSAQ RRTALLNYE NLPSLPPVWEARKLSRDEDDNLGPKTPSLNGYHNNLDPM HNYVNTENVTV PASAHKIEYSRRRDCTPTVFNFDIRRPSLEHRQLNYQVDL EGGSDSDNP QTPKTPPTPLPQTPTRRELYAVIDIERTAAMSNLQKALPR DDGTSRKTR HNSTDLPMLAWK |
| Predicted molecular weight | 83 kDa including tags |
| Amino acids | 1 to 512 |
| Tags | GST tag N-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab132038** 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 SDS-PAGE ELISA |
| Form | Liquid |

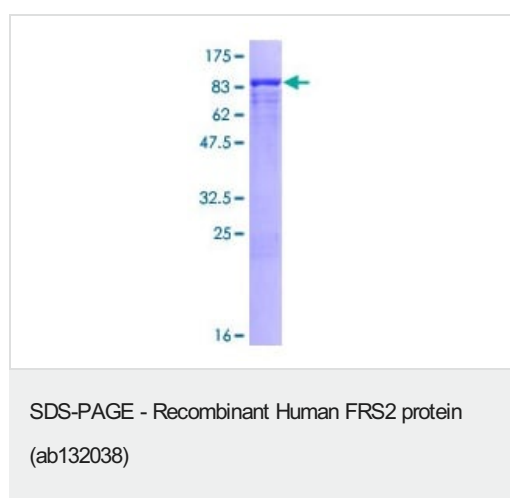
Preparation and Storage

| | |
|------------------------------|--|
| Stability and Storage | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl |
|------------------------------|--|

General Info

| | |
|---|---|
| Function | Adapter protein that links FGR and NGF receptors to downstream signaling pathways. Involved in the activation of MAP kinases. Modulates signaling via SHC1 by competing for a common binding site on NTRK1. |
| Tissue specificity | Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney and testis. |
| Sequence similarities | Contains 1 IRS-type PTB domain. |
| Post-translational modifications | Phosphorylated on tyrosine residues upon stimulation by NGF. Ubiquitinated when tyrosine phosphorylated and in a complex with GRB2. The unphosphorylated form is not subject to ubiquitination. |
| Cellular localization | Endomembrane system. Cytoplasmic, membrane-bound. |

Images



12.5% SDS-PAGE showing ab132038 at approximately 82.72 kDa.
Stained with Coomassie Blue.

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

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