

Recombinant Human FRS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FRS2-3091H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FRS2 MS Standard C13 and N15-labeled recombinant protein (NP_006645) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Adapter protein that links activated FGR and NGF receptors to downstream signaling pathways. Plays an important role in the activation of MAP kinases and in the phosphorylation of PIK3R1, the regulatory subunit of phosphatidylinositol 3-kinase, in response to ligand-mediated activation of FGFR1. Modulates signaling via SHC1 by competing for a common binding site on NTRK1.
Molecular Mass	57.5 kDa
AA Sequence	MGSCCSCPDKDTPVDNHRNKFKVINVDDDGNELGSGIMELTDTLILYTRKRDSVK WHYLCLRRYGYDSNLFSESGRRCQTGGGIFAFKCARAEELFNMLQEIMQNNSINV VEEPPVERNNHQTELEVPRTPRTPTTPGFAAQNLPGYPRYPSPFGDASSHPSSRHP SVGSARLPSVGEESTHPLLVAEEQVHTYVNTTGVQEERKNRTSVHVPLEARVSNAE SSTPKEEPSSIEDRDPQILLEPEGVKFVLGPTPVQKQLMEKEKLEQLGRDQVSGSGA NNTEWDTGYDSDERRDAPSVNKLVEYENINGLSIPSASGVRRGRLTSTSTSDTQNINN SAQRRTALLNYENLPSLPPVWEARKLSRDEDDNLGPKTPSLNGYHNNLDPMHNYV NTENVTVPASAHKIEYSRRRDCTPTVFNFDIRPSLEHRQLNYIQVDLEGGSDSDNP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QTPKTPTTPLPQTPTRRELYAVIDIERTAAMSNLQKALPRDDGTSRKTRHNSTDLP
MLAWKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FRS2 fibroblast growth factor receptor substrate 2 [Homo sapiens (human)]

Official Symbol FRS2

Synonyms FRS2; fibroblast growth factor receptor substrate 2; FRS2A; FRS2alpha; SNT 1; SNT1; FGFR substrate 2; FGFR signalling adaptor; FGFR-signaling adaptor SNT; suc1-associated neurotrophic factor target 1; SNT; SNT-1;

Gene ID 10818

mRNA Refseq NM_006654

Protein Refseq NP_006645

MIM 607743

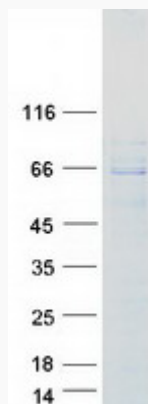
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UniProt ID

Q8WU20

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