

## Recombinant Human FRS2 Protein (Asp239-Asn449), His tagged

Cat. No. FRS2-2677H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human FRS2 (Asp239-Asn449) protein fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp239-Asn449
<b>Description</b>	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.
<b>Molecular Mass</b>	25.09 kDa
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	FRS2 fibroblast growth factor receptor substrate 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FRS2
<b>Synonyms</b>	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;
<b>Gene ID</b>	10818
<b>mRNA Refseq</b>	NM_001042555
<b>Protein Refseq</b>	NP_001036020
<b>MIM</b>	607743
<b>UniProt ID</b>	Q8WU20

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