

Recombinant Full Length Human FRS2 Protein, GST-tagged

Cat. No. FRS2-5068HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FRS2 full-length ORF (AAH21562.1, 1 a.a. - 512 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	512 amino acids
Description	FRS2 (Fibroblast Growth Factor Receptor Substrate 2) is a Protein Coding gene. Diseases associated with FRS2 include Nasal Cavity Squamous Cell Carcinoma. Among its related pathways are RET signaling and FGF signaling pathway. GO annotations related to this gene include insulin receptor binding and transmembrane receptor protein tyrosine kinase adaptor activity. An important paralog of this gene is FRS3.
Molecular Mass	82.72 kDa
AA Sequence	MGSCCSCPDKDTVPDNHRNKFVINVDDDGNELGSGIMELTDTTELILYTRKRDSVK WHYLCLRRYGYDSNLFSESGRRRCQTGQGIFAFKCARAEELFNMLQEIMQNNSINV VEEPPVERNNHQTELEVPRTPRTPTTPGFAAQNLPGYPRYPSPFGDASSHPSSRHP SVGSARLPSVGEESTHPLLVAEEQVHTYVNTTGVQEERKNRTSVHVPLEARVSNAE SSTPKEEPSSIEDRDPQILLEPEGVKFVLGPTPVQKQLMEKEKLEQLGRDQVSGSGA NNTWDTGYDSDEERRDAPSVNKLVEYENINGLSIPSASGVRRGRLTSTSTSDTQNNN SAQRRTALLNYENLPSLPPVWEARKLSRDEDDNLGPKTPSLNGYHNNLDPMHNYV

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NTENVTVPASAHKIEYSRRRDCTPTVFNFDIRRPSEHRQLNYIQVDLEGGSDSDNP
QTPKTPPTPLPQTPTRRELYAVIDIERTAAMSNLQKALPRDDGTSRKTRHNSTDLP
MLAWK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[FRS2 fibroblast growth factor receptor substrate 2 \[Homo sapiens \]](#)

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_001042555](#)

Protein Refseq

[NP_001036020](#)

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MIM	607743
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UniProt ID	Q8WU20
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