

Recombinant Human FRS2

Cat. No. FRS2-28951TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-341 of Human FRS2 with a proprietary tag; predicted mwt: 63.14 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	341 amino acids
Description	Fibroblast growth factor receptor substrate 2 is a protein that in humans is encoded by the FRS2 gene.
Molecular Weight	63.140kDa inclusive of tags
Tissue specificity	Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney and testis.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione Note: Glutathione is reduced.
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MGSCCSCPDKDTPVDNHRNKFKVINVDDDGNELGSGIMELTDTTELILYTRKRDSVK
 WHYLCRRYGYDSNLFSFESGRRRCQTGQGIFAFKCARAEELFNMLQEIMQNNSINV
 VEEPVVERNHHQTELEVPRTPRTPPTTPGFAAQNLPGYPRYPSFGDASSHPSSRHP
 SVGSARLPSVGEESTHPLLVAEEQVHTYVNTTGVQEERKNRTSVHVPLEARVSNAE
 SSTPKEEPSSIEDRDPQILLEPEGVKFVLGPTPVQKQLMEKEKLEQLGRDQVSGSGA
 NNTWDTGYDSERRDAPSVNKLVEYENINGLSIPSASGVRRGRLTSTSTSDTQNNIN
 SAQ

Sequence Similarities

Contains 1 IRS-type PTB domain.

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](#);

Gene ID [10818](#)

mRNA Refseq [NM_001042555](#)

Protein Refseq [NP_001036020](#)

MIM [607743](#)

Uniprot ID [Q8WU20](#)

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Chromosome Location	12q15
Pathway	Downstream signaling of activated FGFR, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem; FRS2-mediated cascade, organism-specific biosystem; Frs2-mediated activation, organism-specific biosystem; IRS-mediated signalling, organism-specific biosystem;
Function	fibroblast growth factor receptor binding; insulin receptor binding; phosphatase activator activity; protein binding; transmembrane receptor protein tyrosine kinase adaptor activity;

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