

Recombinant Human FRS3, GST-tagged

Cat. No. FRS3-1449H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human FRS3 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. MW = 87 kDa.
Species	Human
Source	Sf9 Cells
Description	FRS3 or fibroblast growth factor receptor substrate 3 is a peripheral plasma membrane protein that is a substrate for the fibroblast growth factor receptor. During FGF or NGF stimulation, FRS3 becomes tyrosine phosphorylated and then serves as a platform for the recruitment of multiple signaling proteins for activation of the Ras-MAP kinase signaling cascade. FRS3 is mainly expressed in fibroblast and myoblast cell lines and undergo robust tyrosine phosphorylation in response to several mitogenic ligands. Through interaction with Rho family of small GTPases, FRS3 has been implicated in the reorganization of the actin cytoskeleton and subsequent morphological changes in various cells.
Sequence	Full length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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GENE INFORMATION

Gene Name	FRS3 fibroblast growth factor receptor substrate 3 [Homo sapiens]
Synonyms	FRS3; fibroblast growth factor receptor substrate 3; SNT2; FRS2B; SNT-2; FRS2beta; MGC17167; FRS2-beta; FGFR substrate 3; OTTHUMP00000016383; suc1-associated neurotrophic factor target 2 (FGFR signalling adaptor); OTTHUMP00000039786; FGFR-signaling adaptor SNT2; Suc1-associated neurotrophic factor target 2
Gene ID	10817
mRNA Refseq	NM_006653
Protein Refseq	NP_006644
MIM	607744
UniProt ID	O43559
Chromosome Location	6p21.1
Function	fibroblast growth factor receptor binding; insulin receptor binding

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