

Recombinant Mouse Frs2 Protein, Myc/DDK-tagged

Cat. No. Frs2-3087M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fibroblast growth factor receptor substrate 2 (Frs2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	57.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Frs2 fibroblast growth factor receptor substrate 2 [Mus musculus (house mouse)]
Official Symbol	Frs2
Synonyms	FRS2; fibroblast growth factor receptor substrate 2; SNT-1; FRS2-alpha; FGFR substrate 2; FGFR-signaling adaptor SNT; suc1-associated neurotrophic factor target 1; SNT1; Frs2alpha; 4732458E18; C330018A15Rik
Gene ID	327826
mRNA Refseq	NM_177798
Protein Refseq	NP_808466
UniProt ID	Q8C180

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