

Recombinant Mouse Frs3 Protein, His-tagged

Cat. No. Frs3-1525M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Frs3 Protein (Ser3-Leu492) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser3-Leu492
Description	Predicted to enable fibroblast growth factor receptor binding activity; identical protein binding activity; and transmembrane receptor protein tyrosine kinase adaptor activity. Predicted to be involved in fibroblast growth factor receptor signaling pathway. Predicted to be located in membrane. Predicted to be active in cytoplasm. Is expressed in several structures, including central nervous system; gut; immune system; lung; and metanephros. Orthologous to human FRS3 (fibroblast growth factor receptor substrate 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.5 kDa Accurate Molecular Mass: 58 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Frs3 fibroblast growth factor receptor substrate 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Frs3
Synonyms	FRS3; fibroblast growth factor receptor substrate 3; FRS2-beta; FGFR substrate 3; suc1-associated neurotrophic factor target 2 (FGFR signalling adaptor); Snt2; AI449674; Frs2beta; 4930417B13Rik; MGC25496;
Gene ID	107971
mRNA Refseq	NM_144939
Protein Refseq	NP_659188
UniProt ID	Q91WJ0

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