

Recombinant Human FRS2 protein, His-tagged

Cat. No. FRS2-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FRS2(Asp239~Asn449) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	239-449 a.a.
Description	FRS2 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	27.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.
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
MIM	607743
UniProt ID	Q8WU20
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; IRS-related events, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem;

Function

fibroblast growth factor receptor binding; insulin receptor binding; neurotrophin TRKA receptor binding; phosphatase activator activity; protein binding; transmembrane receptor protein tyrosine kinase adaptor activity;

