

## Product datasheet for **TP305842M**

### FRS2 (NM\_006654) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fibroblast growth factor receptor substrate 2 (FRS2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205842 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGSCCSCPDKDTPDNHRNKFKVINVDDDDGNELGSGIMELTDTLILYTRKRDSVKWHYLCLRRYGYDSN  
LFSFESGRRCQTGQGIFAFKCARAEELFNMLQEIMQNNSINWVEEPVVERNHHQTELEVPRTPTPTTPG  
FAAQNLPGYPRYPFSGDASSHPSSRHPSVGSARLPSVGEESTHPLLVAEEQVHTYVNTTGQVEERKNRT  
SVHVPLEARVSNAESSTPKEEPSSIEDRDPQILLEPEGVKFVLGPTPVQKQLMEKEKLEQLGRDQVSGSG  
ANNTWDTGYDSDERRDAPSVNKLVEININGLSIPSASGVRRGRLTSTSTSDTQININNSAQRRTALLNVE  
NLPSLPPVWEARKLSRDEDDNLGPKTSLNGYHNNLDPMHNYVNTENVTVPASAHKIEYSRRRDCTPTVF  
NFDIRRSLEHRQLNYIQVDLEGGSDSDNPQTPKTPPTPLPQTPTRRTELYAVIDIERTAAMSNLQKALP  
RDDGTSRKTRHNSTDLPLMLAWK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

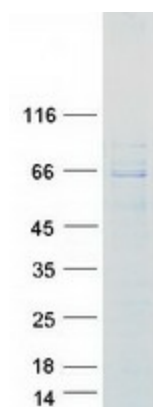
Tag:	C-Myc/DDK
Predicted MW:	56.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006645</a>
<b>Locus ID:</b>	10818
<b>UniProt ID:</b>	<a href="#">Q8WU20</a> , <a href="#">L7RTG7</a>
<b>RefSeq Size:</b>	6883
<b>Cytogenetics:</b>	12q15
<b>RefSeq ORF:</b>	1536
<b>Synonyms:</b>	FRS1A; FRS2A; FRS2alpha; SNT; SNT-1; SNT1
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Neurotrophin signaling pathway

### Product images:



Coomassie blue staining of purified FRS2 protein (Cat# [TP305842]). The protein was produced from HEK293T cells transfected with FRS2 cDNA clone (Cat# [RC205842]) using MegaTran 2.0 (Cat# [TT210002]).