

Product datasheet for **TP508163**

Frs2 (NM_177798) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse fibroblast growth factor receptor substrate 2 (Frs2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208163 representing NM_177798 Red =Cloning site Green =Tags(s)

MGSCCSPDKDTPDNHRNKFKVINVDDDGNELGSGVMELTDELILYTRKRDSVKWHYLCLRRYGYDSN
LFSFESGRRCQTGQGIFAFKCARAEELFNMLQEIMQNNSINVVEEPVVERSSHQTELEVPRTPRTPTTPG
LGAQNLPGYPRYPSTFGDASSHPSSRHPSVGSARLPSVGEESTHPLLVAEEQVHTYVNTTGQVEERKNRA
SVHVPPEARVSNAESNTPKEEPSNPEDRDPQVLLKPEGVRFVLGPTPVQKQLMEKEKLEQLGKDPVSGSG
AGNTEWDTGYDSDERRDVPPVNKLVEENINGLSIPSASGVRRGRLTSTSTSDTQININNSAQRRLPALLNVE
NLPSLPPVWEARKLSRDEDDNLGPKTPSLNGYHNNLDPMHNYVNTENVTPASAHKIDYSKRRDCTPTVF
NFDIRRPSEHRQLNYIQVDLEGGSDSDNPQTPKTPPTPLPQTPTRRTELYAVIDIERTAAMSNLQKALP
RDDGTSRKTRHNSTDLPM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	57.2 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_808466



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Locus ID: 327826

UniProt ID: [Q8C180](#)

RefSeq Size: 5701

Cytogenetics: 10 D2

RefSeq ORF: 1524

Synonyms: 4732458E18; C330018A15Rik; Frs2alpha; SNT1

Summary: 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]