

Product datasheet for **TP309162M**

MTRFR (NM_152269) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 12 open reading frame 65 (C12orf65), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209162 protein sequence Red =Cloning site Green =Tags(s)
	 MSTVGLFHFPPLTRICPAPWGLRLWEKLTLLSPGIAVTPVQMAGKKDYPALLSLDENELEEQFVKGHGP GGQATNKTSNCVVLKHIPSGIVVKCHQTRSVDQNRKLARKILQEKVDFYNGENSPVHKEKREAAKKKQE RKKRAKETLEKKKLLKELWESSKKVH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	18.6 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.
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_689482
Locus ID:	91574
UniProt ID:	Q9H3J6



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RefSeq Size: 1692

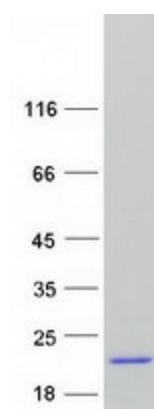
Cytogenetics: 12q24.31

RefSeq ORF: 498

Synonyms: C12orf65; COXPD7; SPG55

Summary: This nuclear gene encodes a mitochondrial matrix protein that appears to contribute to peptide chain termination in the mitochondrial translation machinery. Two different 1 bp deletions (resulting in the same premature stop codon) result in decreased mitochondrial translation, decreased levels of oxidative phosphorylation complexes and encephalomyopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2010]

Product images:



Coomassie blue staining of purified C12orf65 protein (Cat# [TP309162]). The protein was produced from HEK293T cells transfected with C12orf65 cDNA clone (Cat# [RC209162]) using MegaTran 2.0 (Cat# [TT210002]).