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Product datasheet for TP303326M

C7orf55 (FMC1) (NM_197964) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 7 open reading frame 55 (C7orf55), nuclear gene encoding mitochondrial protein, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203326 protein sequence Red=Cloning site Green=Tags(s) MAALGSPAHTFRGLLRELRYLSAATGRPYRDTAAYRYLVKAFRAHRVTSEKLCRAQHELHFQAATYLCLL RSIRKHVALHQEFHGKGERSVEESAGLVGLKLPHQPGGKGWEP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.6 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_932068
Locus ID:	154791
UniProt ID:	Q96HJ9
RefSeq Size:	1210

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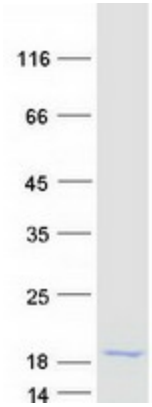
Cytogenetics:	7q34
RefSeq ORF:	339
Synonyms:	C7orf55; HSPC268
Summary:	Plays a role in the assembly/stability of the mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) (PubMed:28719601).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FMC1 protein (Cat# [TP303326]). The protein was produced from HEK293T cells transfected with FMC1 cDNA clone (Cat# [RC203326]) using MegaTran 2.0 (Cat# [TT210002]).