

Product datasheet for **TP307091M**

MACO1 (NM_018202) Human Recombinant Protein

Product data:

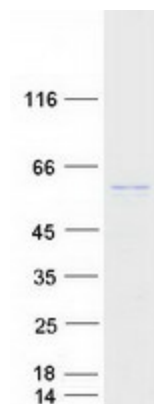
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane protein 57 (TMEM57), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207091 protein sequence Red =Cloning site Green =Tags(s)
	MKRRNADCSKLRRLKRNRITEGIYGSTFLYLKFLVWVALLADFLVLEFRFEYLWPFWLFIRSVYDSFR YQGLAFSVFFVCVAFTSNIICLLFIPIQWLFFAASYVWVQYVWHTERGVCLPTVSLWILFVYIEAAIRF KDLKNFHVLDLCRPFAAHCIGYPVVTLGFGFSYVSYKMRLRKQKEVQKENEFYMQLLQQALPPEQQMLQ K QEKEAEEAAKGLPDMDSILIHNGGIPANKKLSTTLPEIEYREKGKEKDKDAKKHNLGINNNILQPVD SKIQIEIYMHNSKRLNNDLVGSTENLLKEDSCTASSKNYKNASGVVNSSPRSHSATNGSIPSSSSKN EKKQKCTSKSPSTHKDLMECIPNNQLSKPDALVRLEQDIKKLKADLQASRQVEQELRSQISSLSSTERG IRSEMGQLRQENELLQNKLNNAVQMKQDKQNISQLEKKLAEQEARSFVEKQLMEEKKRKKLEEATAA R AVAFAAASRGECTETLRNRIRELEAEGKKLTMDMKVKEDQIRELELKVQELRKYKENEKDEVLMSALSA MQDKTQHLENSLSAETRIKLDLFSALGDAKRQLEIAQGQILQKDQEIKDLKQKIAEVMAMPSITYSAAT SPLSPVSPHYSSKFVETSPSGLDPNASVYQPLKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	76 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.



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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_060672
Locus ID:	55219
UniProt ID:	Q8N5G2
RefSeq Size:	3993
Cytogenetics:	1p36.11
RefSeq ORF:	1992
Synonyms:	MACOILIN; TMEM57
Summary:	Plays a role in the regulation of neuronal activity.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified MACO1 protein (Cat# [TP307091]). The protein was produced from HEK293T cells transfected with MACO1 cDNA clone (Cat# [RC207091]) using MegaTran 2.0 (Cat# [TT210002]).