

Product datasheet for **TP307091**

MACO1 (NM_018202) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human transmembrane protein 57 (TMEM57), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207091 protein sequence
Red=Cloning site **Green**=Tags(s)

MKRRNADCSKLRRPLKRNRITEGIYGSTFLYLKFLVWVALVLLADFLVLEFRFEYLWPFWLFIRSVYDSFR
YQGLAFSVFFVCVAFSTNIIICLLFIPIQWLFFAASYVWVQYVWHTERGVCCLPTVSLWILFVYIEAAIRF
KDLKNFHVLDLCRPFAAHCIGYPVVTLGFGFSYVSYKMRLRKQKEVQKENEFYMQLLQQALPPEQQMLQK
QEKEAEEAAKGLPDMDSILIHNGGIPANKKLSTTLPEIEYREKKGKDKDAKKHNLGINNNNILQPVD
SKIQEIEYEMENHINSKRLNNDLVGSTENLLKEDSCTASSKNYKNASGVVNSSPRSHSATNGSIPSSSSKN
EKKQKCTSKSPSTHKDLMENCIPNNQLSKPDALVRLEQDIKKLKADLQASRQVEQLRSQISSLSSTERG
IRSEMGQLRQENELLQNKLNNAVQMKQKDKQNISQLEKKLKAQEARSFVEKQLMEEEKRKKLEEATAAR
AVAFAAASRGECTETLRNRIRELEAEGKKLTMDMKVKEDQIRELELKVQELRKYKENEKDTEVLMSALSA
MQDKTQHLENSLSAETRIKLDLFSALGDAKRQLEIAQGQILQKDQEIKDLKQKIAEVMAMVMPSTITYSAAT
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.

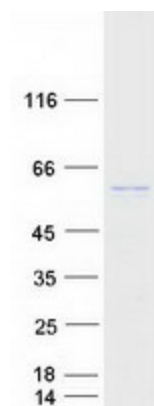
Storage: Store at -80°C.



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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:	<u>NP_060672</u>
Locus ID:	55219
UniProt ID:	<u>Q8N5G2</u>
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]).