

Product datasheet for PH307091

MACO1 (NM_018202) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMEM57 MS Standard C13 and N15-labeled recombinant protein (NP_060672)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207091
Predicted MW:	76.2 kDa
Protein Sequence:	>RC207091 protein sequence Red =Cloning site Green =Tags(s)

MKRRNADCSKLRRLKRNRITEGIYGSTFLYLKFLVWVWVLLADFVLEFRFEYLWPFWLFIRSVYDSFR
 YQGLAFSVFFVCVAFSTSNIIICLLFIPIQWLFFAASYVWVQYVWHTERGVCCLPTVSLWILFVYIEAAIRF
 KDLKNFHVDLCPFAAHCIGYPVVTLGFGFKSYVSYKMRLRKQKEVQKENEFYMQLLQQALPPEQQMLQK
 QEKEAEEAAKGLPMDSSILIHNGGIPANKKLSTTLPEIEYREKGKEKDKDAKKHNLGINNNILQPV
 SKIQEIEYMHNSKRLNNDLVGSTENLLKEDSCTASSKNYKNASGVVNSSPRSHSATNGSIPSSSSKN
 EKKQKCTSKSPSTHKDLMECIPNNQLSKPDALVRLEQDIKKLKADLQASRQVEQELRSQISSLSSTERG
 IRSEMGQLRQENELLQNLHNAVQMKQKDKQNISQLEKKLKAQEARSFVEKQLMEEKKRKLEETAAR
 AVAFAAASRGECTETLRNRIRELEAEGKKLTMDMKVKEDQIRELELKVQELRKYKENEKDTEVLMSALSA
 MQDKTQHLNLSAETRIKLDLFSALGDAKRQLEIAQGQILQKDQEIKDLKQKIAEVMVMPSTITYSAAT
 SPLSPVSPHYSSKFVETSPSGLDPNASVYQPLKK

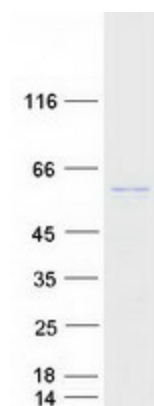
TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_060672</u>
RefSeq Size:	3993


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RefSeq ORF:	1992
Synonyms:	MACOILIN; TMEM57
Locus ID:	55219
UniProt ID:	Q8N5G2
Cytogenetics:	1p36.11
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]).