

Product datasheet for **TP300137L**

TMEM38B (NM_018112) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane protein 38B (TMEM38B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200137 protein sequence Red =Cloning site Green =Tags(s)

MDSPWDELALAFSRTSMFPFFDIAHYLVSVMAVKRQPGAAALAWKNPISSWFTAMLHCFGGGILSCLLLA
EPPLKFLANHTNILLASSIWYITFFCPHDLVDSQGYSLPVQLLASGMKEVTRTRWKIVGGVTHANSYYKNG
WIVMIAIGWARGAGGTIITNFERLVKGDWKPEGDEWLKMSYPAKVTLGSLVIFTFQHTQHLAISKHNLMF
LYTIFIVATKITMMTTQTSTMTFAPFEDTLWMLFGWQQPFSSCEKKSEAKSPSNGVGLASKPVDVASD
NVKKKHTKKNE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	32.3 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_060582
Locus ID:	55151



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UniProt ID:	<u>Q9NVV0</u>
RefSeq Size:	3558
Cytogenetics:	9q31.2
RefSeq ORF:	873
Synonyms:	bA219P18.1; C9orf87; D4Ert89e; OI14; TRIC-B; TRICB
Summary:	This gene encodes an intracellular monovalent cation channel that functions in maintenance of intracellular calcium release. Mutations in this gene may be associated with autosomal recessive osteogenesis. [provided by RefSeq, Oct 2012]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified TMEM38B protein (Cat# [TP300137]). The protein was produced from HEK293T cells transfected with TMEM38B cDNA clone (Cat# [RC200137]) using MegaTran 2.0 (Cat# [TT210002]).