Product datasheet for TP504011

Tmem38b (NM_028053) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transmembrane protein 38B (Tmem38b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204011 protein sequence Red=Cloning site Green=Tags(s) MEYPWDDLTLAFSRTSMFPFFDIAHYLVSVMALKQRPGAVAAAWNNPLASWLSAMLHCFGGGILSCMLLA ESPLKFLTNHTNILLASSIWYIVFFCPRDLVSQGYSYQPIQFLAAGMKEVTRTWKIVGGVSDANSYYRNA WIVMIVVGWARGAGGAVVTACEQLLKGDWKPEGDEWLKMSFPCKITLLGSIMFTFQHTRHLAISKHDLMF LYTIFLVTIKVTMMMTKDTAVTLTPFEDTLTRMLFGRRQQQQFSSSEKKTEVKPSSNGSASSASKRGAEP SGGAKRHAKKED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.6 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
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 after receiving vials.
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_082329
Locus ID:	52076

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UniProt ID:	Q9DAV9
RefSeq Size:	2861
Cytogenetics:	4 28.76 cM
RefSeq ORF:	876
Synonyms:	1600017F22Rik; AA437809; AV051057; D4Ertd89e; mg33b; TRIC-B
Summary:	Monovalent cation channel required for maintenance of rapid intracellular calcium release. May act as a potassium counter-ion channel that functions in synchronization with calcium release from intracellular stores.[UniProtKB/Swiss-Prot Function]