

Product datasheet for TP504505

Tmem231 (NM_001033321) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transmembrane protein 231 (Tmem231), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204505 representing NM_001033321 Red =Cloning site Green =Tags(s)
	MALYHLFSHPIERAYRAGLCSKAALFLLLTTALTYIPPLLVAFRSHGFWLKRSSYEEQPNVRFQHQVLLV ALLGPEPEAFLAWSTFPTFNRLQGAHLRVPLVSSREEDRNQDGKMDVLYFKLELPLQPTHEVLGVQLILT FSYQLHRMSTFEMQSM AFLQSSFAVPGS QLYVNGDLRLQKQPLSYRGLDIRYNVSVINGTSPFAQDYDL THIVAAYQERNVTTVLSDPNPIWLVGRAAEAPFVIHAVIRYPTEVISYQPGFWEMIKFAWIQYVSILLIF LWVFERIKIFVFQNVVTSIPVAVPQGEIRKEHLS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.3 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
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_001028493
Locus ID:	234740
UniProt ID:	Q3U284



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RefSeq Size: 2887

Cytogenetics: 8 E1

RefSeq ORF: 945

Synonyms: 4932417I16Rik; Gm178

Summary: Transmembrane component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for ciliogenesis and sonic hedgehog/SHH signaling.[UniProtKB/Swiss-Prot Function]