

## Product datasheet for **TP308232M**

### **TMEM17 (NM\_198276) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human transmembrane protein 17 (TMEM17), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC208232 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MELPDPVRQRLGNFSRAVFSNRTSPESNEGPENEMVSSLALQMSLYFNTYYFPLWWVSSIMMLHMKYS ILPDYYKFIVITVILITLIEAIRLYLGYVGNLQEKVPELAGFWLLSLLLQLPLILFLFNEGLTNLPLE KAIHIIFTLFLAFQVVA AFLTLRKMVNQLAVRFHLQDFDRLSANRGDMRRMRSCIEEI
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	22.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_938017</a>
<b>Locus ID:</b>	200728
<b>UniProt ID:</b>	<a href="#">Q86X19</a>
<b>RefSeq Size:</b>	1925



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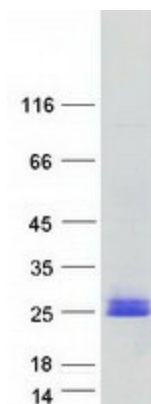
Cytogenetics: 2p15

RefSeq ORF: 594

**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 (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified TMEM17 protein (Cat# [TP308232]). The protein was produced from HEK293T cells transfected with TMEM17 cDNA clone (Cat# [RC208232]) using MegaTran 2.0 (Cat# [TT210002]).