

## Product datasheet for **TP308232L**

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

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human transmembrane protein 17 (TMEM17), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC208232 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MELPDPVRQRLGNFSRAVFSNRTSPESNEGPENEMVSSLALQMSLYFNTYYFPLWWVSSIMMLHMKYS  
ILPDYYKFIVITVILITLIEAIRLYLGYVGNLQEKVPELAGFWLLSLLLQLPLILFLFNEGLTNLPLE  
KAIHIIFTLFLAFQVVAFLTLRKMVNQLAVRFHLQDFDRLSANRGDMRRMRSCIEEI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 22.9 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\\_938017](#)

**Locus ID:** 200728

**UniProt ID:** [Q86X19](#)

**RefSeq Size:** 1925



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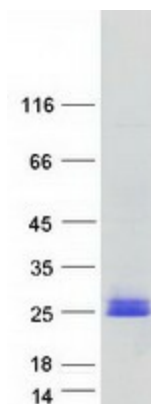
Cytogenetics: 2p15

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]).