

Product datasheet for TP308232

TMEM17 (NM_198276) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human transmembrane protein 17 (TMEM17), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC208232 protein sequence Red =Cloning site Green =Tags(s) |
| | MELPDPVRQRLGNFSRAVFSNRTSPESNEGPENEMVSSLALQMSLYFNTYYFPLWWVSSIMMLHMKYS ILPDYYKFIVITVILITLIEAIRLYLGYVGNLQEKVPELAGFWLLSLLLQLPLILFLFNEGLTNLPLE KAIHIIFTLFLAFQVVA AFLTLRKMVNQLAVRFHLQDFDRLSANRGDMRRMRSCIEEI |
| | 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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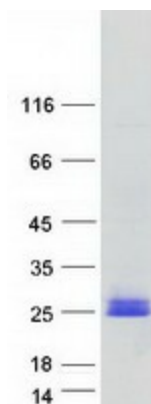
Cytogenetics: 2p15

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]).