

Product datasheet for PH308232

TMEM17 (NM_198276) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMEM17 MS Standard C13 and N15-labeled recombinant protein (NP_938017)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208232
Predicted MW:	23.1 kDa
Protein Sequence:	>RC208232 protein sequence Red=Cloning site Green=Tags(s) MELPDPVRQRLGNFSRAVFSNRTSPESNEGPENEMVSSLALQMSLYFNTYYFPLWWVSSIMMLHMKYS ILPDYYKFIVITVIIITLIEAIRLYLGYVGNLQEKVPELAGFWLLSLLLQLPLILFLLFNEGLTNLPLE KAIHIIIFTLFLAFQVAAFLTLRKMVNQLAVRFHLQDFDRLSANRGDMRRMRSCIEEI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_938017</u>
RefSeq Size:	1925
RefSeq ORF:	594
Locus ID:	200728
UniProt ID:	<u>Q86X19</u>
Cytogenetics:	2p15

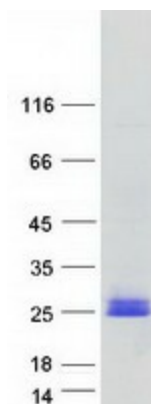


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Summary: Transmembrane component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for 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]).