

Product datasheet for PH312590

TMEM231 (NM_001077418) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMEM231 MS Standard C13 and N15-labeled recombinant protein (NP_001070886)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212590
Predicted MW:	35.9 kDa
Protein Sequence:	>RC212590 representing NM_001077418 Red=Cloning site Green=Tags(s)

MALYELFShpversyrAGLCSKAALFLLAAALTYIPPLLVAFRSHGFwLKRSSyEEQPTVRFQHQVLLV
ALLGPESDGLAWSTFPafNRLQGDRLRVPLVSTREEDRNQDGKTDMLHFKLELPLQSTEHVLGVQLILT
FSYRLHRMATLVMQSMaFLQSSFPVPGSQLYVNGDLRLQKQPLSCGGLDARYNISVINGTSPFAYDYDL
THIVAAYQERNVTTVLNDPNPIWLVGRAADAPFVINAIIRYPVEVISYQPGFWEMVKFAWVQYVSILLIF
LWVFERIKIFVFQNVVTTIPVTVTPRGDLCKEHLs

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_001070886
RefSeq Size:	2911
RefSeq ORF:	948
Synonyms:	ALYE870; JBTS20; MKS11; PRO1886
Locus ID:	79583



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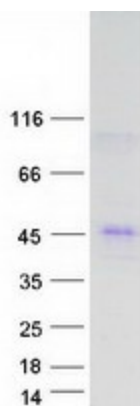
UniProt ID: [Q9H6L2](#)

Cytogenetics: 16q23.1

Summary: This gene encodes a transmembrane protein, which is a component of the B9 complex involved in the formation of the diffusion barrier between the cilia and plasma membrane. Mutations in this gene cause Joubert syndrome (JBTS). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2013]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM231 protein (Cat# [TP312590]). The protein was produced from HEK293T cells transfected with TMEM231 cDNA clone (Cat# [RC212590]) using MegaTran 2.0 (Cat# [TT210002]).