

Product datasheet for PH316351

TMEM41B (NM_015012) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMEM41B MS Standard C13 and N15-labeled recombinant protein (NP_055827)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216351
Predicted MW:	32.5 kDa
Protein Sequence:	>RC216351 protein sequence Red=Cloning site Green=Tags(s)

MAKGRVAERSQLGAHHTTPVGDGAAGTRGLAAPGSRDHQKEKSWVEAGSARMSLLILVSIFLSAAFVMFL
VYKNFPQLSEEERNMKVPRDMDDAKALGKVL SKYKDTFYVQVLVAYFATYIFLQTFAIPGSIFLSILSG
FLYFPFLALFLVCLCSGLGASFCYMLSYLVGRP VVYKYLTEKAVKWSQQVERHREHLINYIIFLRITPFL
PNWFINITSPVINVPLKVFFIGTFLGVAPPSFVAIKAGTTL YQLTTAGEAVSWNSIFILMILAVLSILPA
IFQKKLKQKFE

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- 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:	<u>NP_055827</u>
RefSeq Size:	3973
RefSeq ORF:	873
Locus ID:	440026
UniProt ID:	<u>Q5BJD5</u>



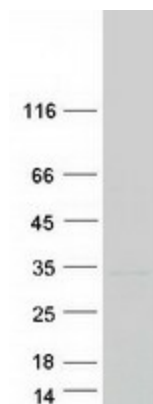
[View online »](#)

Cytogenetics: 11p15.4

Summary: Required for normal motor neuron development (By similarity). Required for autophagosome formation (PubMed:30093494).[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM41B protein (Cat# [TP316351]). The protein was produced from HEK293T cells transfected with TMEM41B cDNA clone (Cat# [RC216351]) using MegaTran 2.0 (Cat# [TT210002]).