

Product datasheet for PH300985

TMEM38A (NM_024074) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMEM38A MS Standard C13 and N15-labeled recombinant protein (NP_076979)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200985
Predicted MW:	33.3 kDa
Protein Sequence:	>RC200985 protein sequence Red=Cloning site Green=Tags(s) MELLSALS LGELALSFSRVPLFPVFDLSYFIVSILYLKYEPGAVELSRRHPIASWLCAMLHCFGSYILAD LLLGEPLIDYFSNNSILLASAVWYLIFFCPLDLFYKCVCFLPVKLIFVAMKEVVRVKIAVGIHHAHHH YHHGWFMVMIATGWVKGSGVALMSNFEQLLRGVWKPETNEILHMSFPTKASLYGAILFTLQQTRWLPVSKA SLIFIFTLMVSKVFLTATHSHSPFDALEGYICPVLFGSACGGDHHHDNHGSGSHGGPGAQHSAMPA KSKEELSEGSRKKKAKKAD 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:	NP_076979
RefSeq Size:	1639
RefSeq ORF:	897
Synonyms:	TRIC-A; TRICA
Locus ID:	79041



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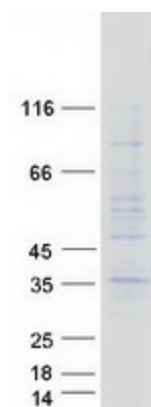
UniProt ID: [Q9H6F2](#)

Cytogenetics: 19p13.11

Summary: Monovalent cation channel required for maintenance of rapid intracellular calcium release. May act as a potassium counter-ion channel that functions in synchronization with calcium release from intracellular stores.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM38A protein (Cat# [TP300985]). The protein was produced from HEK293T cells transfected with TMEM38A cDNA clone (Cat# [RC200985]) using MegaTran 2.0 (Cat# [TT210002]).