

Product datasheet for PH300239

TMEM14B (NM_030969) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMEM14B MS Standard C13 and N15-labeled recombinant protein (NP_112231)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200239
Predicted MW:	12.2 kDa
Protein Sequence:	>RC200239 protein sequence Red=Cloning site Green=Tags(s) MEKPLFPLVPLHWFVFGYALVVS GGIVGYVKTGSVPSLA AWLLFGSLAGLGAYQLYQDPRNVWGFLAAT SVTFVGVGMRSYYGK FMPVGLIAGASLLMAAKV GVRMLMTSD 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- 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:	NP_112231
RefSeq Size:	992
RefSeq ORF:	342
Locus ID:	81853
UniProt ID:	Q9NUH8 , A0A024QZV7
Cytogenetics:	6p24.2

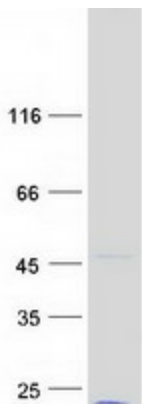


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Summary: Primate-specific protein involved in cortical expansion and folding in the developing neocortex. May drive neural progenitor proliferation through nuclear translocation of IQGAP1, which in turn promotes G1/S cell cycle transitions.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM14B protein (Cat# [TP300239]). The protein was produced from HEK293T cells transfected with TMEM14B cDNA clone (Cat# [RC200239]) using MegaTran 2.0 (Cat# [TT210002]).