

Product datasheet for TP300239

TMEM14B (NM_030969) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane protein 14B (TMEM14B), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200239 protein sequence Red =Cloning site Green =Tags(s)
	MEKPLFPLVPLHWFGFGYALVVS GGIVGYVKTGSVPSLAAWLLFGSLAGLGAYQLYQDPRNVWGFLAAT SVTFVGMGMRSYYGKFMPVGLIAGASLLMAAKVGV RMLMTSD
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_112231
Locus ID:	81853
UniProt ID:	Q9NUH8 , A0A024QZV7
RefSeq Size:	992



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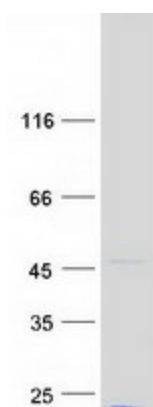
Cytogenetics: 6p24.2

RefSeq ORF: 342

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]).