

Recombinant Human TMEM14B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMEM14B-740H Lot. No. (See product label)

SPECIFICATION

Product Overview	TMEM14B MS Standard C13 and N15-labeled recombinant protein (NP_112231) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	12.2 kDa
AA Sequence	MEKPLFPLVPLHWFGFGYTALVSGGIVGYVKTGSVPSLAAWLLFGSLAGLGAYQL YQDPRNVWGFLAATSVTFVGVMGMRYYYYGKFMPVGLIAGASLLMAAKVGVRMLM TSDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TMEM14B transmembrane protein 14B [Homo sapiens (human)]

Official Symbol TMEM14B

Synonyms TMEM14B; transmembrane protein 14B; MGC1223; FLJ60468;

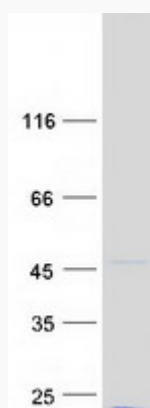
Gene ID 81853

mRNA Refseq NM_030969

Protein Refseq NP_112231

UniProt ID Q9NUH8

SDS-PAGE



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