

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

Gene Name	TMEM14B transmembrane protein 14B [Homo sapiens (human)]
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Official Symbol	TMEM14B
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Synonyms	TMEM14B; transmembrane protein 14B; MGC1223; FLJ60468;
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Gene ID	81853
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mRNA Refseq	NM_030969
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Protein Refseq	NP_112231
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UniProt ID	Q9NUH8
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