

Product datasheet for PH306385

TMEM25 (NM_032780) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | TMEM25 MS Standard C13 and N15-labeled recombinant protein (NP_116169) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC206385 |
| Predicted MW: | 39.3 kDa |
| Protein Sequence: | >RC206385 protein sequence Red=Cloning site Green=Tags(s) |
| | MALPPGPAALRHTLLLLPALLSSGWGELEPQIDGQTWAERALRENERHAFTCRVAGGPGTPRLAWYLDGQ LQEASTSRLLSVGGEAFSGGTSTFTVTAHRAQHELNCSLQDPRSGRSANASVILNVQFKPEIAQVGAKYQ EAQGPGLLVVLFALVRANPPANVTWIDQDGPVTVNTSDFLVLDAQNYPWLTNHTVQLQLRSLAHNLSVVA TNDVGVTSASLPAGLLATRVEVPLLGIVVAAGLALGTLVGFSTLVAQLVCRKEKKTGKPSRHPSLISSD SNNLKLNNVRLPRENMSLPSNLQLNDLTPDSRAVKPADRQMAQNNRPELLDPEPGGLLTSQGFIRLPVL GYIYRVSSVSSDEIWL |
| | 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: | <u>NP_116169</u> |
| RefSeq Size: | 2551 |
| RefSeq ORF: | 1098 |
| Locus ID: | 84866 |
| UniProt ID: | <u>Q86YD3</u> |



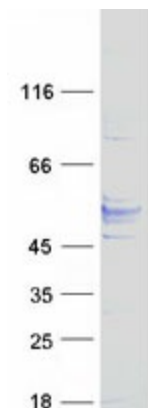
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Cytogenetics: 11q23.3

Summary: In neurons, modulates the degradation of NMDA receptor GRIN2B subunit. Plays a role in the regulation of neuronal excitability.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM25 protein (Cat# [TP306385]). The protein was produced from HEK293T cells transfected with TMEM25 cDNA clone (Cat# [RC206385]) using MegaTran 2.0 (Cat# [TT210002]).