

Product datasheet for PH327179

TMUB1 (NM_001136044) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | TMUB1 MS Standard C13 and N15-labeled recombinant protein (NP_001129516) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC227179 |
| Predicted MW: | 26.1 kDa |
| Protein Sequence: | >RC227179 representing NM_001136044 Red=Cloning site Green=Tags(s) MTLIEGVGDEVTVLFVSLACLLVLALAVSTHTAEGGDPLPQPSGTPTPSQPSAAMAATDSMRGEAPGAE TPSLRHRGQAAQPEPSTGFTATPPAPDSPQEPLVLRKFLNDSEQVARAWPHDTIGSLKRTQFPGREQQV RLIYQGQLLGDDTQTLGSLHLPPNCVYLHCHVSTRVGPNNPPCPPGSEPGPSGLEIGSLLLLLLLLLLLLL WYCQIQYRPFPLTATLGLAGFTLLLSLLAFAMYRP 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: | NP_001129516 |
| RefSeq ORF: | 738 |
| Synonyms: | C7orf21; DULP; HOPS; SB144 |
| Locus ID: | 83590 |
| UniProt ID: | Q9BVT8 , A0A090N8Q3 |
| Cytogenetics: | 7q36.1 |

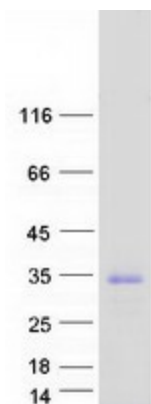


[View online »](#)

Summary: Involved in sterol-regulated ubiquitination and degradation of HMG-CoA reductase HMGCR (PubMed:21343306). Involved in positive regulation of AMPA-selective glutamate receptor GRIA2 recycling to the cell surface (By similarity). Acts as negative regulator of hepatocyte growth during regeneration (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified TMUB1 protein (Cat# [TP327179]). The protein was produced from HEK293T cells transfected with TMUB1 cDNA clone (Cat# [RC227179]) using MegaTran 2.0 (Cat# [TT210002]).