

Product datasheet for PH307700

TMUB1 (NM_031434) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMUB1 MS Standard C13 and N15-labeled recombinant protein (NP_113622)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207700
Predicted MW:	26.1 kDa
Protein Sequence:	<p>>RC207700 representing NM_031434</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTLIEGVGDEVTVLFSVLACLLVLALAWVSTHTAEGGDPLQPSGTPTPSQPSAAMAATDSMRGEAPGAE TPSLRHRGQAAQPEPSTGFTATPPAPDSPQEPLVRLKFLNDSEQVARAWPHDTIGSLKRTQFPGREQQV RLIIYQGQLLGDDTQTLGSLHLPNCVLHCHVSTRVGPPNPPCPPGSEPGSGLEIGSLLPLLLLLLLLLL WYCQIQYRPFPLTATLGLAGFTLLLSLLAFAMYRP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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_113622
RefSeq Size:	1494
RefSeq ORF:	738
Synonyms:	C7orf21; DULP; HOPS; SB144
Locus ID:	83590
UniProt ID:	Q9BVT8 , A0A090N8Q3

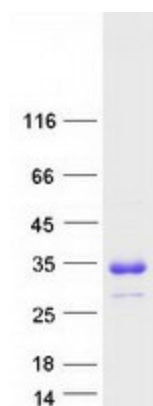

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Cytogenetics: 7q36.1

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# [TP307700]). The protein was produced from HEK293T cells transfected with TMUB1 cDNA clone (Cat# [RC207700]) using MegaTran 2.0 (Cat# [TT210002]).