

Product datasheet for **TP307700**

TMUB1 (NM_031434) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human transmembrane and ubiquitin-like domain containing 1 (TMUB1), transcript variant 1, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC207700 representing NM_031434 Red =Cloning site Green =Tags(s) |

MTLIEGVGDEVTVLFSVLACLLVLALAWVSTHTAEGGDPLPQPSGTPTPSQPSAAMAATDSMRGEAPGAE
TPSLRHRGQAAQPEPSTGFTATPPAPDSPQEPLVLRKFLNDSEQVARAWPHDTIGSLKRTQFPGREQQV
RLIYQGQLLGDDTQTLGSLHLPPNCVLHCHVSTRVGPNNPPCPPGSEPGPSGLEIGSLLLPLLLLLLLLL
WYCQIQYRPFPLTATLGLAGFTLLLSLLAFAMYRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

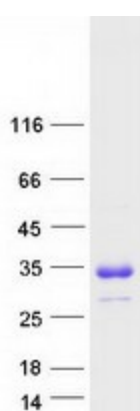
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|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 26.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_113622</u> |
| Locus ID: | 83590 |



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| | |
|-------------------|---|
| UniProt ID: | Q9BVT8 |
| RefSeq Size: | 1494 |
| Cytogenetics: | 7q36.1 |
| RefSeq ORF: | 738 |
| Synonyms: | C7orf21; DULP; HOPS; SB144 |
| 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]).