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Datasheet for ABIN7561709

TMUB1 Protein (AA 1-245) (His tag)

Overview

Quantity:	1 mg
Target:	TMUB1
Protein Characteristics:	AA 1-245
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMUB1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tmub1 Protein expressed in mammalian cells.
Sequence:	<p>MALIEGVGDE VTVLFAVLAC LLVLALAWVS THHTESTDPQ PQPPGTTTPA QPSEAMSASD SIREEAPGAE SPSLRHRGPS AQPEPDTGVT ASTPPDSPQE PLLRLKFLN DSEQVARAWP QDTIGSLKRT QFPGQEQVR LIYQGQLLGD DTQTLGSLHL PPNCVLHCHV STRVGPPHPP CPPGSEPGPS GLEIGSLLLW LLLLLLLLW YCQIQYRPF PLTATLGLAG FTLLLSLLAF AMYRP</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TMUB1
Alternative Name:	Tmub1 (TMUB1 Products)
Background:	<p>Transmembrane and ubiquitin-like domain-containing protein 1 (Hepatocyte odd protein shuttling protein) [Cleaved into: iHOPS],FUNCTION: Involved in sterol-regulated ubiquitination and degradation of HMG-CoA reductase HMGR (By similarity). Involved in positive regulation of AMPA-selective glutamate receptor GRIA2 recycling to the cell surface (By similarity). Acts as a negative regulator of hepatocyte growth during regeneration (By similarity).</p> <p>{ECO:0000250 UniProtKB:Q53AQ4, ECO:0000250 UniProtKB:Q9BVT8, ECO:0000269 PubMed:16014383, ECO:0000269 PubMed:18418082, ECO:0000269 PubMed:22890319}., FUNCTION: [iHOPS]: May contribute to the regulation of translation during cell-cycle progression. May contribute to the regulation of cell proliferation (PubMed:16014383). May be involved in centrosome assembly (PubMed:18418082). Modulates stabilization and nucleolar localization of tumor suppressor CDKN2A and enhances association between CDKN2A and NPM1 (PubMed:22890319).</p> <p>{ECO:0000269 PubMed:18418082, ECO:0000269 PubMed:22890319}.</p>
Molecular Weight:	26.3 kDa

Target Details

UniProt: [Q9JMG3](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months