

Datasheet for ABIN7550331  
**OTUD6B Protein (AA 1-293) (His tag)**



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## Overview

Quantity:	1 mg
Target:	OTUD6B
Protein Characteristics:	AA 1-293
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OTUD6B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant OTUD6B Protein expressed in mammalian cells.
Sequence:	MEAVLTEELD EEEQLRRHR KKKELQAKI QGMKNAVPKN DKKRRKQLTE DVAKLEKEME QKHREELEQL KLTTKENKID SVAVNISNLV LENQPPRISK AQKRREKKAA LEKEREERIA EAEIENLTGA RHMESEKLAQ ILAARQLEIK QIPSDGHCMY KAIEDQLKEK DCALTVVALR SQTAEYMQSH VEDFLPFLTN PNTGDMYTPE EFQKYCEDIV NTAAWGGQLE LRALSHILQT PIEIIQADSP PIIVGEEYSK KPLILVYMRH AYGLGEHYNS VTRLVNIVTE NCS <b>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.</b>
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:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- 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.

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

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Target:	OTUD6B
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Alternative Name:	OTUD6B ( <a href="#">OTUD6B Products</a> )
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Background:	Deubiquitinase OTUD6B (EC 3.4.19.12) (DUBA-5) (OTU domain-containing protein 6B),FUNCTION: [Isoform 1]: Deubiquitinating enzyme that may play a role in the ubiquitin-dependent regulation of protein synthesis, downstream of mTORC1 (PubMed:21267069, PubMed:27864334). May associate with the protein synthesis initiation complex and modify its ubiquitination to repress translation (PubMed:27864334). May also repress DNA synthesis and modify different cellular targets thereby regulating cell growth and proliferation (PubMed:27864334). May also play a role in proteasome assembly and function (PubMed:28343629). {ECO:0000269 PubMed:21267069, ECO:0000269 PubMed:27864334, ECO:0000269 PubMed:28343629}, FUNCTION: [Isoform 2]: Stimulates protein synthesis. Influences the expression of CCND1/cyclin D1 by promoting its translation and regulates MYC/c-Myc protein stability. {ECO:0000269 PubMed:27864334}.
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Molecular Weight:	33.8 kDa
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UniProt:	<a href="#">Q8N6M0</a>
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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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