

Datasheet for ABIN7544661

## Protein Tob1 (TOB1) (AA 1-345) protein (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	Protein Tob1 (TOB1)
Protein Characteristics:	AA 1-345
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat TOB1 Protein expressed in mammalian cells.
Sequence:	<p>           MQLEIQVALN FIISYLYNKL PRRRVNIFGE ELERLLKKEY EGHWYPEKPY KGSGFRCIHI            GEKVDPVIEQ ASKESGLDID DVRGNLPQDL SWIDPFEVS YQIGEKGPVK VLYVDDNNEN            GCELDKEIKN SFNPEAQVFM PISDPASSVS SSPSPFFGHS AAVSPTFMPR STQPLTFTTA            TFAATKFGST KMKNSGRSNK VARTSPINLG LNVNDLLKQK AISSSMHSLY GLGLGSQQQP            QQQQPAQPP PPPPPQQQQ QQKTSALSPN AKEFIFPNMQ GQGSSTNGMF PGDSPLNLS            LQYSNAFDVF AAYGGLNEKS FVDGLNFSLN NMQYSNQQFQ PVMAN <b>Sequence without tag.</b>  <b>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> </p>

Characteristics:	Key Benefits:
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## 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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	Protein Tob1 (TOB1)
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Alternative Name:	TOB1 ( <a href="#">TOB1 Products</a> )
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Background:	Protein Tob1 (Transducer of erbB-2 1),FUNCTION: Anti-proliferative protein, the function is mediated by association with deadenylase subunits of the CCR4-NOT complex (PubMed:8632892, PubMed:23236473). Mediates CPEB3-accelerated mRNA deadenylation by binding to CPEB3 and recruiting CNOT7 which leads to target mRNA deadenylation and decay (PubMed:21336257). {ECO:0000269 PubMed:21336257, ECO:0000269 PubMed:23236473, ECO:0000269 PubMed:8632892}.
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Molecular Weight:	38.2 kDa
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UniProt:	<a href="#">P50616</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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## Application Details

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Restrictions: For Research Use only

## Handling

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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