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Datasheet for ABIN7558344
FBX02 Protein (AA 1-297) (His tag)

Overview

Quantity:	1 mg
Target:	FBX02
Protein Characteristics:	AA 1-297
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBX02 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Fbxo2 Protein expressed in mammalian cells.
Sequence:	MDGDGDPESV SHPEEASPEE QPEEAGAEAS AEEEQLREAE EEEEEAVEY LAELPEPLLL RVLAELPATE LVQACRLVCL RWKELVDGAP LWLLKCQQEG LVPEGSADDEE RDHWQQFYFL SKRRRNLLRN PCGEEDLEGW SDVEHGGDGW RVEELPGDNG VEFTQDDSVK KYFASSFEWC RKAQVIDLQA EGYWEELLDY TQPAIVVKDW YSGRTDAGSL YELTVRLLSE NEDVLAEFAT GQVAVPEDGS WMEISHTFID YGPGVRFVRF EHGGQDSVYW KGWFGARVTN SSVWVEP 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.
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

- 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.

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

Target:	FBXO2
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Alternative Name:	Fbxo2 (FBXO2 Products)
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Background:	<p>F-box only protein 2,FUNCTION: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Involved in the endoplasmic reticulum-associated degradation pathway (ERAD) for misfolded luminal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into the cytosol and promoting their ubiquitination and subsequent degradation. Prevents formation of cytosolic aggregates of unfolded glycoproteins that have been retrotranslocated into the cytosol. Able to recognize and bind denatured glycoproteins, preferentially those of the high-mannose type.</p> <p>{ECO:0000269 PubMed:12140560, ECO:0000269 PubMed:14990996, ECO:0000269 PubMed:15723043, ECO:0000269 PubMed:17215248, ECO:0000269 PubMed:17720138}.</p>
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Molecular Weight:	33.7 kDa
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UniProt:	Q80UW2
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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
