

Datasheet for ABIN7562624
COPS6 Protein (AA 1-324) (His tag)



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Overview

Quantity:	1 mg
Target:	COPS6
Protein Characteristics:	AA 1-324
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COPS6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cops6 Protein expressed in mammalian cells.
Sequence:	MAAAAAAGAN GSGGSSGMEV DAAVPSVMAS GVTGSVSVAL HPLVILNISD HWIRMRSQEG RPMQVIGALI GKQEGRNIEV MNSFELLSHT VEEKIIDKE YYTKEEQFK QVFKLEFLG WYTTGGPPDP SDIHVHKQVC EIIESPLFLK LNPMTKHTDL PVSFESVID IINGEATMLF AELTYTLATE EAERIGVDHV ARMTATGSGE NSTVAEHLIA QHSAIKMLHS RVKLILEYVK ASEAGEVPFN HEILREAYAL CHCLPVLSTD KFKTDFYDQC NDVGLMAYLG TITKTCNTMN QFVNKFNVLV DRQGIGRRMR GLFF 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)
Grade:	custom-made

Target Details

Target:	COPS6
Alternative Name:	Cops6 (COPS6 Products)
Background:	<p>COP9 signalosome complex subunit 6 (SGN6) (Signalosome subunit 6) (JAB1-containing signalosome subunit 6),FUNCTION: Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes (By similarity). The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2 (By similarity). The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkkappaBalpha/NFKBIA, ITPK1 and IRF8, possibly via its association with CK2 and PKD kinases (By similarity). CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively (By similarity). Has some glucocorticoid receptor-responsive activity (By similarity). Stabilizes COP1 through reducing COP1 auto-ubiquitination and decelerating COP1 turnover rate, hence regulates the ubiquitination of COP1 targets, including SFN (By similarity). {ECO:0000250 UniProtKB:Q7L5N1}.</p>
Molecular Weight:	35.9 kDa

Target Details

UniProt: [O88545](#)

Pathways: [Cell Division Cycle](#)

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
