

Product datasheet

Recombinant Human COPS6 protein ab132862

1 Image

Description

Product name	Recombinant Human COPS6 protein	
Expression system	Wheat germ	
Accession	Q7L5N1	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> MAAAAAAAAAATNGTGGSSGMEVDAAVVPSVMACGVTG SVSVALHPLVILN ISDHWIRMRSQEGRPVQVIGALIGKQEGRNIEVMNSFELLS HTVEEKIII DKEYYYTKEEQFKQVFKELEFLGWYTTGGPPDPSDIHVHK QVCEIIESPL FLKLNPMTKHTDLPVSVFESVIDIINGEATMLFAELTYLAT EEAERIGV DHVARMATGSGENSTVAEHLIAQHSAIKMLHSRVKLILEY VKASEAGEV PFNHEILREAYALCHCLPVLSTDKFKTDFYDQCNDVGLMA YLGTTKTCN TMNQFVNKFNVLVDRQGIGRRMRGLFF </pre>	
Predicted molecular weight	63 kDa including tags	
Amino acids	1 to 327	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab132862** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	SDS-PAGE
	ELISA
Form	Liquid

Additional notes

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. 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. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, I κ B α /NFKBIA, ITPK1 and IRF8, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. Has some glucocorticoid receptor-responsive activity.

Tissue specificity

Widely expressed.

Sequence similarities

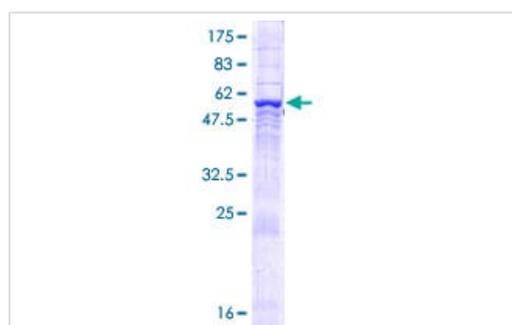
Belongs to the peptidase M67A family. CSN6 subfamily.

Contains 1 MPN (JAB/Mov34) domain.

Cellular localization

Nucleus. Cytoplasm. The interaction with HIV-1 Vpr protein possibly leads its translocation to a perinuclear region.

Images



12.5% SDS-PAGE analysis of ab132862 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human COPS6 protein
(ab132862)

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