

Product datasheet

Recombinant Human COPS6 protein ab161225

1 Image

Overview

Product name	Recombinant Human COPS6 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	AEHLIAQHSAIKMLHSRVKLILEYVKASEAGEVFPNHEIL REAYALCHCL PVLSTDKFKTDFYDQCNDVGLMAYLGTITKTCNTMNQF VNKFNVLYDRQG IGRRMRGLFF
Amino acids	218 to 327
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161225** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

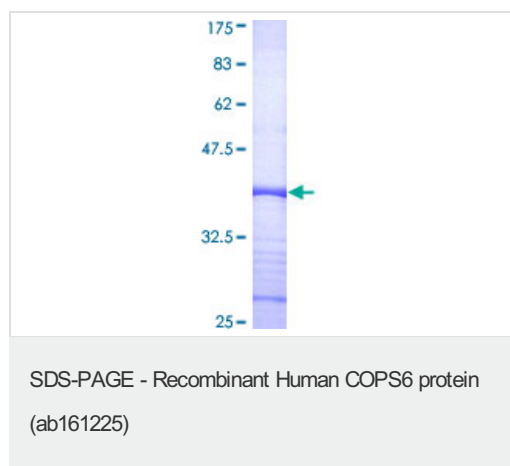
Preparation and Storage

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
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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



ab161225 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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