

Recombinant Full Length Human COPS6 Protein, GST-tagged

Cat. No. COPS6-1962HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COPS6 full-length ORF (NP_006824.2, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	327 amino acids
Description	The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein belongs to translation initiation factor 3 (eIF3) superfamily. It is involved in the regulation of cell cycle and likely to be a cellular cofactor for HIV-1 accessory gene product Vpr. [provided by RefSeq, Jul 2008]
Molecular Mass	62.6 kDa
AA Sequence	MAAAAAAAAAATNGTGGSSGMEVDAAVPSVMACGVTGSVSVALHPLVILNISDHWI RMRSQEGRPVQVIGALIGKQEGRNIEVMNSFELLSHTVEEKIIIDKEYYYTKEEQFKQ VFKELEFLGWYTTGGPPDPSDIHVHKQVCEIIESPLFLKLNPMTKHTDLPVSVFESVI DIINGEATMLFAELTYTLATEEAERIGVDHVARMATATGSGENSTVAEHLIAQHSIAIKML

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HSRVKLILEYVKASEAGEVPPFNHEILREAYALCHCLPVLSTDKFKTDFYDQCNDVGL
MAYLGTITKTCNTMNPQFVNKFNVLYDRQGIGRRMRGLFF

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

COPS6 COP9 constitutive photomorphogenic homolog subunit 6 (Arabidopsis) [[Homo sapiens](#)]

Official Symbol

[COPS6](#)

Synonyms

COPS6; COP9 constitutive photomorphogenic homolog subunit 6 (Arabidopsis); COP9 signalosome complex subunit 6; COP9 subunit 6 (MOV34 homolog, 34 kD); CSN6; MOV34 34KD; SGN6; hVIP; H_NH0506M12.12; MOV34 homolog, 34 kD; signalosome subunit 6; vpr-interacting protein; COP9 subunit 6 (MOV34 homolog, 34 kD); JAB1-containing signalosome subunit 6; MOV34-34KD

Gene ID

[10980](#)

mRNA Refseq

[NM_006833](#)

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Protein Refseq	NP_006824
MIM	614729
UniProt ID	Q7L5N1

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