

# Recombinant Full Length Human COPS6 Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human COPS6 full-length ORF ( NP_006824.2, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 327 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 62.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MAAAAAAAAAATNGTGGSSGMEVDAAVPSVMACGVTGSVSVALHPLVILNISDHWI<br>RMRSQEGRPVQVIGALIGKQEGRNIEVMNSFELLSHTVEEKIIIDKEYYYTKEEQFKQ<br>VFKELEFLGWYTTGGPPDPSDIHVHKQVCEIIESPLFLKLNPMTKHTDLPVSVFESVI<br>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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