

Recombinant Human COPS6, His-tagged

Cat. No. COPS6-15905H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human COPS6 protein, fused to His tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-327aa
Description	COPS6 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	38.9kDa (347aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MAAAAAAAAA TNGTGGSSGM EVDAAVVPSV MACGVTGSVS VALHPLVILN ISDHWIRMRS QEGRPVQVIG ALIGKQEGRN IEVMNSFELL SHTVEEKIII DKEYYYTKEE QFKQVFKELE FLGWYTTGGP

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PDPSDIHVHK QVCEIIESPL FLKLNPMTKH TDLPVSVFES VIDIINGEAT
MLFAELTYTL ATEEAERIGV DHVARMATG SGENSTVAEH LIAQHSAIKM
LHSRVKLILE YVKASEAGEV PFNHEILREA YALCHCLPVL STDKFKTDFY
DQCNDVGLMA YLGTITKTCN TMNQFVNKFN VLYDRQGIGR RMRGLFF

Purity >80% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

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
UniProt ID	Q7L5N1
Chromosome Location	7q22.1
Function	protein binding;

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