

Recombinant Human COPS6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COPS6-2784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COPS6 MS Standard C13 and N15-labeled recombinant protein (NP_006824) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	36.2 kDa
AA Sequence	MAAAAAAAAAATNGTGGSSGMEVDAAVPSVMACGVTGSVSVALHPLVILNISDHWI RMRSQEGRPVQVIGALIGKQEGRNIEVMNSFELLSHTVEEKIIIDKEYYYTKKEQFKQ VFKELEFLGWYTTGGPPDPSDIHVHKQVCEIIESPLFLKLNPMTKHTDLPVSVFESVI DIINGEATMLFAELTYTLATEEAERIGVDHVARMTATGSGENSTVAEHLIAQHSIAKML HSRVKLILEYVKASEAGEVPFNHEILREAYALCHCLPVLSTDKFKTDFYDQCNDVGL

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MAYLGITKTCNTMNQFVNKFNVLYDRQGIGRRMRGLFFTRTRPLEQKLISEEDLAA
NDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name COPS6 COP9 signalosome subunit 6 [Homo sapiens (human)]

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

Protein Refseq NP_006824

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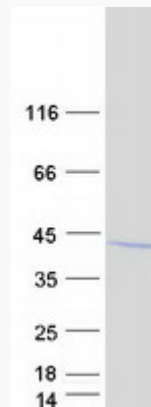
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MIM 614729

UniProt ID Q7L5N1

SDS-PAGE



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