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	MAAAAAAAAATNGTGGSSGMEVDAAVVPSVMACGVTGSVSVALHPLVILNISDHWI RMRSQEGRPVQVIGALIGKQEGRNIEVMNSFELLSHTVEEKIIIDKEYYYTKEEQFKQ VFKELEFLGWYTTGGPPDPSDIHVHKQVCEIIESPLFLKLNPMTKHTDLPVSVFESVI DIINGEATMLFAELTYTLATEEAERIGVDHVARMTATGSGENSTVAEHLIAQHSAIKML HSRVKLILEYVKASEAGEVPFNHEILREAYALCHCLPVLSTDKFKTDFYDQCNDVGL

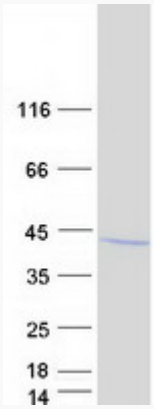
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	MAYLGTITKTCNTMNQFVNKFNVLYDRQGIGRRMRGLFFTRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	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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MIM	614729
UniProt ID	Q7L5N1
SDS-PAGE	

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