Recombinant Human COP9 Signalosome Complex Subunit 8, His-tagged

Cat. No. COPS8-4734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human COPS8 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	Human
Description	COP9 signalosome complex subunit 8 isoform 1, also known as COPS8, 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Weight	25.3kDa (229aa)
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MPVAVMAESA FSFKKLLDQC ENQELEAPGG IATPPVYGQL LALYLLHNDM NNARYLWKRI PPAIKSANSE LGGIWSVGQR

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	IWQRDFPGIY TTINAHQWSE TVQPIMEALR DATRRRAFAL VSQAYTSIIA DDFAAFVGLP VEEAVKGILE QGWQADSTTR MVLPRKPVAG ALDVSFNKFI PLSEPAPVPP IPNEQQLARL TDYVAFLEN
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	COPS8 COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis) [Homo sapiens]
Official Symbol	COPS8
Synonyms	COPS8; COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis); COP9; CSN8; SGN8; MGC1297; MGC43256; COP9 signalosome complex subunit 8; hCOP9; COP9 homolog; OTTHUMP00000164415; OTTHUMP00000202909; OTTHUMP00000202910; OTTHUMP00000202913; signalosome subunit 8; JAB1-containing signalosome subunit 8; MMMEP
Gene ID	10920
mRNA Refseq	NM_006710
Protein Refseq	NP_006701
UniProt ID	Q99627
Chromosome Location	2q37.3

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