

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 FSFKLLDQC ENQELEAPGG IATPPVYGQL LALYLLHNDM NNARYLWKRI PPAIKSANSE LGGIWSVGQR

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IWQRDFPGIY TTINAHQWSE TVQPIMEALR DATRRRAFAL VSQAYTSIIA
DDFAAFVGLP VEEAVKGILE QGWQADSTTR MVLPRKPVAG ALDVSNKFI
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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