

# Recombinant Human COP9 Signalosome Complex Subunit 8, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant human COPS8 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	Human
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>Molecular Weight</b>	25.3kDa (229aa)
<b>Purity</b>	> 90% by SDS - PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MGSSHHHHHH SSGLVPRGSH MPVAVMAESA FSFKLLDQC 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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