Recombinant Human COPS8, His-tagged

Cat. No. COPS8-26339TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human COPS8 with an N terminal His tag ; mwt: 25.3 kDa.
Species	Human
Source	E.coli
ProteinLength	209 amino acids
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. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
Conjugation	HIS
Molecular Weight	25.300kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00Constituents:10% Glycerol, 2.4% Urea, 0.32% Tris HCl

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMPVAVMAESAFSFKKLLDQCENQELEAPGGIATPP VYGQLLALYLLHNDMNNARYLWKRIPPAIKSANSELGGIWSVGQRIWQRDFPGIYTTI NAHQWSETVQPIMEALRDATRRRAFALVSQAYTSIIADDFAAFVGLPVEEAVKGILEQ GWQADSTTRMVLPRKPVAGALDVSFNKFIPLSEPAPVPPIPNEQQLARLTDYVAFLE N
Sequence Similarities	Belongs to the CSN8 family.Contains 1 PCI domain.

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 signalosome complex subunit 8; COP9; CSN8; MGC1297; SGN8;
Gene ID	10920
mRNA Refseq	NM_006710
Protein Refseq	NP_006701
Uniprot ID	Q99627
Chromosome Location	2q37.3

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