Recombinant Full Length Human COPS8 Protein, GST-tagged

Cat. No. COPS8-1970HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COPS8 full-length ORF (AAH03090, 1 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
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. [provided by RefSeq, Jul 2008]
Molecular Mass	48.73 kDa
AA Sequence	MPVAVMAESAFSFKKLLDQCENQELEAPGGIATPPVYGQLLALYLLHNDMNNARYL WKRIPPAIKSANSELGGIWSVGQRIWQRDFPGIYTTINAHQWSETVQPIMEALRDAT RRRAFALVSQAYTSIIADDFAAFVGLPVEEAVKGILEQGWQADSTTRMVLPRKPVAG ALDVSFNKFIPLSEPAPVPPIPNEQQLARLTDYVAFLEN
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; hCOP9; COP9 homolog; signalosome subunit 8; JAB1-containing signalosome subunit 8; MGC43256
Gene ID	10920
mRNA Refseq	NM_006710
Protein Refseq	NP_006701
MIM	616011
UniProt ID	Q99627

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