

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	MPVAVMAESAFSFKLLDQCENQELEAPGGIATPPVYGQLLALYLLHNDMNNARYL WKRIIPAIKSANSELGGIWSVGQRWQRDFPGIYTTINAHQWSETVQPIMEALRDAT RRRAFALVSQAYTSIIADDFAAVGLPVEEAVKGILEQGWQADSTTRMVLPRKPVAG ALDVSNKFIPLSEPPVPIPNEQQLARLTDYVAFLEN
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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