

Recombinant Human COPS4, GST-tagged

Cat. No. COPS4-11461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COPS4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-250a.a.
Description	This gene encodes one of eight subunits composing 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. Two transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	COPS4 COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis) [Homo sapiens]
Official Symbol	COPS4
Synonyms	COPS4; COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis); COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 4; COP9 signalosome complex subunit 4; CSN4; SGN4; signalosome subunit 4; JAB1-containing signalosome subunit 4; MGC10899; MGC15160;
Gene ID	51138
mRNA Refseq	NM_001258006
Protein Refseq	NP_001244935
UniProt ID	Q9BT78
Chromosome Location	4q21.22
Function	protein binding;