

Recombinant Human COPS4 Protein, GST-tagged

Cat. No. COPS4-1704H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COPS4 full-length ORF (BAG51250.1, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Apr 2012]
Molecular Mass	72.7 kDa
AA Sequence	MAAAVRQDLAQLMNSSGSHKDLAGKYRQILEKAIQLSGAEQLEALKAFVEAMVNEN VSLVISRQLLTDFCTHLPNLPDSTAKEIYHFTLEKIQPRVISFEEQVASIRQHLSIYEK EEDWRNAAQVLVGIPLETGQKQYNVDYKLETYKLIARLYLEDDDPVQAEAYINRASL LQNESTNEQLQIHVKVCYARVLDYRRKFIEAAQRYNELSYKTIVHESERLEALKHALH CTILASAGQQRSRMLATLFKDERCQQLAAYGILEKMYLDRIIRGNQLQEFAAMLMPH QKATTADGSSILDRAVIEHNLLSASKLYNNITFEELGALLEIPAAKAEKIASQMITEGRM NGFIDQIDGIVHFETREALPTWDKQIQSLCFQVNNLLEKISQTAPWETAQAMEAQMA

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Applications

Enzyme-linked Immunoabsorbent Assay
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

[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](#)

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MIM	616008
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UniProt ID	Q9BT78
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