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 VSLVISRQLLTDFCTHLPNLPDSTAKEIYHFTLEKIQPRVISFEEQVASIRQHLASIYEK EEDWRNAAQVLVGIPLETGQKQYNVDYKLETYLKIARLYLEDDDPVQAEAYINRASL LQNESTNEQLQIHYKVCYARVLDYRRKFIEAAQRYNELSYKTIVHESERLEALKHALH CTILASAGQQRSRMLATLFKDERCQQLAAYGILEKMYLDRIIRGNQLQEFAAMLMPH QKATTADGSSILDRAVIEHNLLSASKLYNNITFEELGALLEIPAAKAEKIASQMITEGRM NGFIDQIDGIVHFETREALPTWDKQIQSLCFQVNNLLEKISQTAPEWTAQAMEAQMA

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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-HCI, 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
UniProt ID	Q9BT78

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