

Recombinant Human COPS5 Protein, GST-tagged

Cat. No. COPS5-1705H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Human COPS5 full-length ORF (AAH01187.1, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | <p>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. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be an coactivator that increases the specificity of JUN/AP1 transcription factors. [provided by RefSeq, Jul 2008]</p> |
| Molecular Mass | 62.48 kDa |
| AA Sequence | <p>MAASGSGMAQKTWELANNMQEAQSIDEIYKYDKKQQQEILAAKPWTKDHHYFKYC KISALALLKMVMHARSGGNLEVMGLMLGKVDGETMIIMDSFALPVEGTETRVNAQAA AYEYMAAYIENAKQVGRLENAIGWYHSHPGYGWLSGIDVSTQMLNQQFQEPFVA VVIDPTRTISAGKVNLGAFRTYTPKGYKPPDEGPSEYQTIPLNKIEDFGVHCKQYYALE VSYFKSSLDRKLELLWVKYVWNTLSSSSLLTNADYTTGQVFDLSEKLEQSEAQLGR</p> |

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GSFMLGLETHDRKSEDKLAKATRDSCKTTIEAIHGLMSQVIKDKLFNQINIS

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

COPS5 COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis) [Homo sapiens]

Official Symbol

COPS5

Synonyms

COPS5; COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis); COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 5; COP9 signalosome complex subunit 5; CSN5; JAB1; MOV 34; SGN5; 38 kDa Mov34 homolog; signalosome subunit 5; jun activation domain-binding protein 1; MOV-34; MGC3149;

Gene ID

10987

mRNA Refseq

NM_006837

Protein Refseq

NP_006828

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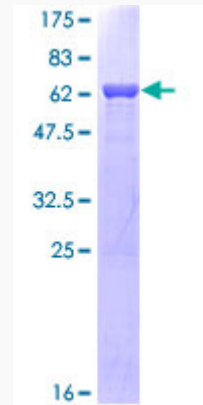
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MIM 604850

UniProt ID Q92905

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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