

Recombinant Human COPS2 Protein, GST-tagged

Cat. No. COPS2-1700H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human COPS2 full-length ORF (NP_004227.1, 1 a.a. - 443 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	COPS2 (COP9 Signalosome Subunit 2) is a Protein Coding gene. Diseases associated with COPS2 include Persistent Hyperplastic Primary Vitreous. Among its related pathways are Vesicle-mediated transport and Clathrin-mediated endocytosis. GO annotations related to this gene include signal transducer activity and transcription corepressor activity. An important paralog of this gene is PSMD11.
Molecular Mass	78 kDa
AA Sequence	MSDMEDDFMCDDEEDYDLEYSSEDSNSEPNVDLENQYYNSKALKEDDPKAALSSFQ KVLELEGEKGEWGFKALKQMIKINFKLTFPEMMNRYKQLLTYIRSAVTRNYSEKSIN SILDYISTSKQMDLLQEFYETTLEALKDAKNDRLWFKTNTKLGKLYLEREEYGKLQKIL RQLHQSCQTDDGEDDLKKGTTQLLEIYALEIQMYTAQKNNKLLKALYEQSLHIKSAIPH PLIMGVIRECGGKMHLREGEFEKAHTDFFEAFKNYDESGSPRRTTCLKYLVLANML MKSGINPFDSQEAKPYKNDPEILAMTNLVSAYQNNNDITEFEKILKTNHSNIMDDPFIRE HIEELLRNIRTQVLIKLIKPYTRIHIPFISKELNIDVADVESLLVQCILDNTIHGRIDQVNQL LELDHQKRGGARYTALDKWTNQLNSLNQAVVSKLA
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	COPS2 COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) [Homo sapiens]
Official Symbol	COPS2
Synonyms	COPS2; COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis); COP9 signalosome complex subunit 2; ALIEN; CSN2; TRIP15; TRIP-15; alien homolog; signalosome subunit 2; TR-interacting protein 15; JAB1-containing signalosome subunit 2; thyroid receptor interacting protein 15; thyroid receptor-interacting protein 15; SGN2;
Gene ID	9318
mRNA Refseq	NM_001143887
Protein Refseq	NP_001137359
MIM	604508

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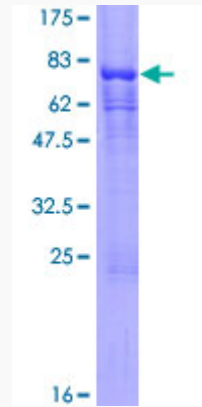
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UniProt ID

P61201

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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