

Recombinant Full Length Human COPS3 Protein, GST-tagged

Cat. No. COPS3-1955HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human COPS3 full-length ORF (NP_003644.2, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	423 amino acids
Description	The protein encoded by this gene possesses kinase activity that phosphorylates regulators involved in signal transduction. It phosphorylates I kappa-Balpa, p105, and c-Jun. It acts as a docking site for complex-mediated phosphorylation. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]
Molecular Mass	74.3 kDa
AA Sequence	MASALEQFVNSVRQLSAQQQMTQLCELINKSGELLAKNLSHLDTVLGALDVQEHS GVLAVL FVKFSMPSPDFETLFSQVQLFISTCNGEHIRYATDTFAGLCHQLTNALVER KQPLRGIGILKQAIDKMQMNTNQLTSIHADLCQLCLLAKCFKALPYLDVDMMDICKE NGAYDAKHFLCYYYYGGMIYTGLKNFERALYFYEQAITTPAMAVSHIMLESYKKYILV SLILLGKVQQLPKYTSQIVGRFIKPLSNAYHELAQVYSTNNPSELRNLVKNHSETFTR DNNMGLVKQCLSSLYKKNIQRLTKTFLTLSLQDMASRVQLSGPQEAKEYVLHMIEDG EIFASINQKDG MVSFHDNPEKYNNPAMLHNIDQEMLKCIELDERLKAMDQEITVNPQ

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FVQKSMGSQEDDSGNKPSSYS

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

[COPS3 COP9 constitutive photomorphogenic homolog subunit 3 \(Arabidopsis\) \[Homo sapiens \]](#)

Official Symbol

[COPS3](#)

Synonyms

COPS3; COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis); COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 3; COP9 signalosome complex subunit 3; CSN3; SGN3; signalosome subunit 3; COP9 complex subunit 3; JAB1-containing signalosome subunit 3

Gene ID

[8533](#)

mRNA Refseq

[NM_001199125](#)

Protein Refseq

[NP_001186054](#)

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MIM	604665
UniProt ID	Q9UNS2

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