

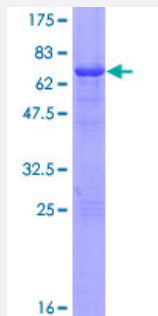
Full-Length

COPS3 (Human) Recombinant Protein (P01)

Catalog # H00008533-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human COPS3 full-length ORF (NP_003644.2, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASALEQFVNSVRQLSAQQQMTQLCELINKSGELLAKNLSHLDTVLGALDVQEHS LGVLAVLFVK
FSMPSPDFETLFSQVQLFISTCNGEHIRYATDTFAGLCHQLTNALVERKQPLRGIGILKQAIDKMQ
MNTNQLTSIHADLCQLCLLAKCFKPALPYLDVDMMDICKENGAYDAKHFLCYYYGGMYTGLKNF
ERALYFYEQAITTPAMAVSHIMLESYKKYLVSILLGKVQQLPKYTSQIVGRFIKPLSNAYHELAQVY
STNNPSELRLNVNKHSETFTRDNNMGLVKQCLSSLYKKNIQRLTKFTLSLQDMASRVQLSGPQ
EAEKYVLHMIEDGEIFASINQKDGMSFHDNPEKYNNPAMLHNIDQEMLKCIELDERLKAMDQEIT
VNPQFVQKSMGSQEDDSGNKPSSYS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.3

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — COPS3

Entrez GeneID	8533
GeneBank Accession#	NM_003653.2
Protein Accession#	NP_003644.2
Gene Name	COPS3
Gene Alias	CSN3, SGN3
Gene Description	COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis)
Omim ID	604665
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene possesses kinase activity that phosphorylates regulators involved in signal transduction. It phosphorylates I kappa-Balpha, 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. [provided by RefSeq]
Other Designations	COP9 complex subunit 3 COP9 constitutive photomorphogenic homolog subunit 3 JAB1-containing signalosome subunit 3