

# Recombinant Full Length Human COPS3 Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human COPS3 full-length ORF ( NP_003644.2, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 423 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | 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.<br>[provided by RefSeq, Oct 2015] |
| <b>Molecular Mass</b>   | 74.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MASALEQFVNSVRQLSAQGQMTQLCELINKSGELLAKNLSHLDTVLGALDVQEHS<br>GVLAVLFVKFSMPSPDFETLFSQVQLFISTCNGEHIRYATDTFAGLCHQLTNALVER<br>KQPLRGIGILKQAIDKMQMNTNQLTSIHADLCQLCLLAKCFKPALPYLDVDMMDICKE<br>NGAYDAKHFLCYYYYGGMIYTGLKNFERALYFYEQAITTPAMAVSHIMLESYKKYILV<br>SLILLGKVQQLPKYTSQIVGRFIKPLSNAYHELAQVYSTNNPSELRLNVNKHSETFTR<br>DNNMGLVKQCLSSLYKKNIQRLTKTFLTLSLQDMASRVQLSGPQEAKEYVLHMIEDG<br>EIFASINQKDGMSVFDHNPEKYNNPAMLHNIDQEMLKCIELDERLKAMDQEITVNPQ             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | FVQKSMGSQEDDSGNKPSSYS                                                                                                                                                                                                                                                                 |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                     |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                              |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                              |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>        | COPS3 COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis) [ Homo sapiens ]                                                                                                                                                                                             |
| <b>Official Symbol</b>  | COPS3                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>         | 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 |
| <b>Gene ID</b>          | 8533                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>      | NM_001199125                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_001186054                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



|     |        |
|-----|--------|
| MIM | 604665 |
|-----|--------|

|            |        |
|------------|--------|
| UniProt ID | Q9UNS2 |
|------------|--------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA