

# Recombinant Full Length Human COPS7B Protein, GST-tagged

**Cat. No.** COPS7B-1969HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human COPS7B full-length ORF ( NP_073567.1, 1 a.a. - 264 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>    | 264 amino acids                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | COPS7B (COP9 Signalosome Subunit 7B) is a Protein Coding gene. Among its related pathways are Vesicle-mediated transport and Clathrin-mediated endocytosis. An important paralog of this gene is COPS7A.                                                                                |
| <b>Molecular Mass</b>   | 56 kDa                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MAGEQKPSSNLLEQFILLAKGTSGSALTALISQVLEAPGVYVFGELLELANVQELAEG<br>ANAAYLQLLNLFAYGTYPDYIANKESLPELSTAQQNKLKHLTIVSLASRMKCIPYSVLL<br>KDLEMRNLRELEDLIEAVYTDIIQGKLDQRNQLLEVDFCIGRDIRKKDINNIVKTLHEW<br>CDGCEAVLLGIEQQVLRANQYKENHNRTQQQVEAEVTNIKKTLKATASSSAQEMEQ<br>QLAERECPPHAEQRQPTKKMSKVKGLVSSRH |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                        |

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## 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. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | COPS7B COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis) [ Homo sapiens ]                                                                                                                                                                                                |
| <b>Official Symbol</b> | COPS7B                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | COPS7B; COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis); COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 7B; COP9 signalosome complex subunit 7b; CSN7B; SGN7b; signalosome subunit 7b; JAB1-containing signalosome subunit 7b; FLJ12612; MGC111077 |
| <b>Gene ID</b>         | 64708                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_022730                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_073567                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>             | 616010                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | Q9H9Q2                                                                                                                                                                                                                                                                                     |

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