

# Recombinant Full Length Human COPS7A Protein, GST-tagged

**Cat. No.** COPS7A-1968HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human COPS7A full-length ORF ( NP_057403.1, 1 a.a. - 275 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>    | 275 amino acids                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | This gene encodes a component of the COP9 signalosome, an evolutionarily conserved multi-subunit protease that regulates the activity of the ubiquitin conjugation pathway. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq, Mar 2014] |
| <b>Molecular Mass</b>   | 56.7 kDa                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MSAEVKVTGQNQEQLLLAKSAKGAALATLIHQVLEAPGVYVFGELLDPNVRELAE<br>SDFASTFRLLTVFAYGTYADYLAEARNLPPLTEAQKNKLRHLSVVTAAKVKCIPYAV<br>LLEALALRNVRQLEDLVIEAVYADVLRGSLDQRNQRLEVDYSIGRDIQRQDLSAIART<br>LQEWCVGCEVVLSGIEEQVSRANQHKEQQLGLKQQIESEVANLKKTIKVTAAAAAA<br>TSQDPEQHLTELREPAPGTNQRQPSKKASKGKGLRGS AKIWSKSN       |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                              |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | 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>        | COPS7A COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) [ Homo sapiens ]                                                                                                                                                                                                                      |
| <b>Official Symbol</b>  | COPS7A                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | COP9 signalosome complex subunit 7a; CSN7A; Dermal papilla derived protein 10; DERP10; JAB1 containing signalosome subunit 7a; SGN7a; Signalosome subunit 7a; COP9 signalosome complex subunit 7a; SGN7a; signalosome subunit 7a; COP9 complex subunit 7a; COP9 constitutive photomorphogenic homolog subunit 7A |
| <b>Gene ID</b>          | 50813                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>      | NM_016319.2                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_057403.1                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>              | 616009                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>       | Q9UBW8                                                                                                                                                                                                                                                                                                           |

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