

# Recombinant Human COPS7A Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** COPS7A-213H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | COPS7A MS Standard C13 and N15-labeled recombinant protein (NP_057403) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                |
| <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>   | 30.1 kDa                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MSAEVKVTGQNQEQLLLAKSAKGAALATLIHQVLEAPGVYVFGELLMPNVRELAE<br>SDFASTFRLLTVFAYGTYADYLAEARNLPPLTEAQKNKLRHLSVVTAAKVKCIPYAV<br>LLEALALRNVRQLEDLVIEAVYADVLRGSLDQRNQRLEV DYSIGRDIQRQDLSAIART<br>LQEWCVGCEVVLSGIEEQVSRANQHKEQQLGLKQQIESEVANLKKTIKVTAAAAAA<br>TSQDPEQHLTELREPAPGTNQRQPSKKASKGKGLRGS AKIWSKSNTTRTRPLEQKLI<br>SEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                           |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                        |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** COPS7A COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) [ Homo sapiens (human) ]

**Official Symbol** COPS7A

**Synonyms** 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

**Gene ID** 50813

**mRNA Refseq** NM\_016319

**Protein Refseq** NP\_057403

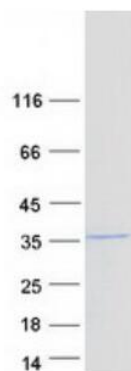
**MIM** 616009

**UniProt ID** Q9UBW8

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**SDS-PAGE**

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