

# Recombinant Human COPS2 protein

Cat. No. COPS2-4570H Lot. No. (See product label)

## SPECIFICATION

|                         |  |
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| <b>Product Overview</b> | Recombinant Human COPS2 protein(P61201)(1-443aa), was expressed in E. coli   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-443aa  |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>   |
| <b>Molecular Mass</b>   | 51.6 kDa   |
| <b>AA Sequence</b>      | <p>MSDMEDDFMCDDEEDYDLEYSSEDSNSEPNVDLENQYYNSKALKEDDPKAALSSFQ<br/>           KVLELEGEKGEWGFKALKQMIKINFKLTNFPEMMNRYKQLLYIRSAVTRNYSEKSIN<br/>           SILDYISTSKQMDLLQEFYETTLEALkDaKNDRWLWFKTNTKLGKLYLEREEYGKLGKIL<br/>           RQLHQSCQTDDGEDDLKKGTTQLLEIYALEIQMYTAQKNNKLLKALYEQSLHIKSAIPH<br/>           PLIMGVIRECGGKMHLREGEFEKAHTDFFEAFKNYDESGSPRRTTCLKYLVLANML<br/>           MKSGINPFDSQEAKPYKNDPEILAMTNLVSAYQNNNDITEFEKILKTNHNSNIMDDPFIRE<br/>           HIEELLRNIRTQVLIKLIKPYTRIHIPFISKELNIDVADVESLLVQCILDNTIHGRIDQVNQL<br/>           LELDHQKRGGARYTALDKWTNQLNSLNQAVVSKLA</p> |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.  |

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| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.  |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | COPS2 COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) [ Homo sapiens ]  |
| <b>Official Symbol</b>  | COPS2  |
| <b>Synonyms</b>         | COPS2; COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis); COP9 signalosome complex subunit 2; ALIEN; CSN2; TRIP15; TRIP-15; alien homolog; signalosome subunit 2; TR-interacting protein 15; JAB1-containing signalosome subunit 2; thyroid receptor interacting protein 15; thyroid receptor-interacting protein 15; SGN2; |
| <b>Gene ID</b>          | 9318   |
| <b>mRNA Refseq</b>      | NM_001143887   |
| <b>Protein Refseq</b>   | NP_001137359   |
| <b>MIM</b>              | 604508   |
| <b>UniProt ID</b>       | P61201   |

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