

## Product datasheet for TP303441

### COPS4 (NM\_016129) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis) (COPS4), 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC203441 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAAAVRQDLAQLMNSSGSHKDLGKYRQILEKAIQLSGAEQLEALKAFVEAMVNENVSLVISRQLLTDFC          THLPNLPDSTAKEIYHFTLEKIQRVISFEEQVASIRQHLSIYEKEEDWRNAAQVLVGIPILETGQKQYN          VDYKLETYLKIARLYLEDDDPVQAEAYINRASLLQNESTNEQLQIHYKVCYARVLDYRRKFIEAAQRYNE          LSYKTIVHESERLEALKHALHCTILASAGQQRSRMLATLFKDERCQQLAAYGILEKMYLDRIIRGNQLQE          FAAMLMPHQKATTADGSSILDRAVIEHNLLSASKLYNNITFEELGALLEIPAAKAEKIASQMITEGRMNG          FIDQIDGIVHFETREALPTWDKQIQSLCFQVNNLLEKISQTAPEWTAQAMEAQAQMAQ</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	46.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_057213</a></u>

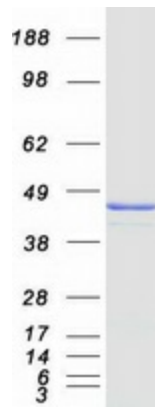


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Locus ID: 51138  
UniProt ID: [Q9BT78](#), [A0A0S2Z5H7](#), [B3KM48](#)  
RefSeq Size: 1765  
Cytogenetics: 4q21.22  
RefSeq ORF: 1218  
Synonyms: CSN4; SGN4

**Summary:** This gene encodes one of eight subunits composing COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

### Product images:



Coomassie blue staining of purified COPS4 protein (Cat# TP303441). The protein was produced from HEK293T cells transfected with COPS4 cDNA clone (Cat# [RC203441]) using MegaTran 2.0 (Cat# [TT210002]).