

Product datasheet for PH303441

COPS4 (NM_016129) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COPS4 MS Standard C13 and N15-labeled recombinant protein (NP_057213)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203441
Predicted MW:	46.3 kDa
Protein Sequence:	>RC203441 protein sequence Red=Cloning site Green=Tags(s)

MAAAVRQDLAQLMNSSGSHKDLAGKYRQILEKAIQLSGAEQLEALKAFVEAMVNVSLVISRQLLTDFC
 THLPNLPDSTAKEIYHFTLEKIQPRVISFEEQVASIRQHLASIYEKEEDWRNAAQVLVGIPLETGQKQYN
 VDYKLETYLKIARLYLEDDDPVQAEAYINRASLLQNESTNEQLQIHYKVCYARVLDYRRKFIEAAQRYNE
 LSYKTIVHESERLEALKHALHCTILASAGQQRSLMLATLFKDERCQQLAAYGILEKMYLDRIIRGNLQE
 FAAMLMPHQKATTADGSSILDRAVIEHLLSASKLYNNITFEELGALLEIPAACAEEKIASQMITEGRMNG
 FIDQIDGIVHFETREALPTWDKQIQSLCFQVNNLLEKISQTAPEWTAQAMEAQAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_057213
RefSeq Size:	1765
RefSeq ORF:	1218
Synonyms:	CSN4; SGN4
Locus ID:	51138



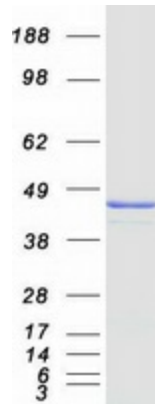
[View online »](#)

UniProt ID: [Q9BT78](#), [A0A0S2Z5H7](#), [B3KM48](#)

Cytogenetics: 4q21.22

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]).