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Product datasheet for PH300252

COPS6 (NM_006833) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COPS6 MS Standard C13 and N15-labeled recombinant protein (NP_006824)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200252
Predicted MW:	36.2 kDa
Protein Sequence:	>RC200252 protein sequence Red=Cloning site Green=Tags(s) MAAAAAAAAATNGTGGSSGMEVDAAVVPSVMACGVTGSVSVALHPLVILNISDHWIRMRSQEGRPVQVIG ALIGKQEGRNIEVMNSFELLSHTVEEKIIIDKEYYYTKEEQFKQVFKELEFLGWYTTGGPPDPSDIHVHK QVCEIIESPLFLKLNPMTKHTDLPVSVFESVIDIINGEATMLFAELTYTLATEEAERIGVDHVARMTATG SGENSTVAEHLIAQHSAIKMLHSRVKLILEYVKASEAGEVPFNHEILREAYALCHCLPVLSTDKFKTDFY DQCNDVGLMAYLGTITKTCNTMNQFVNKFNVLYDRQGIGRRMRGLFF 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_006824
RefSeq Size:	1441
RefSeq ORF:	981
Synonyms:	CSN6; MOV34-34KD
Locus ID:	10980

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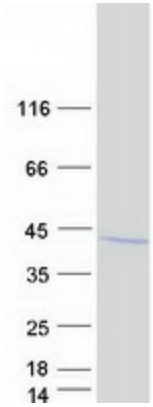
UniProt ID: Q7L5N1

Cytogenetics: 7q22.1

Summary: The protein encoded by this gene is one of the eight subunits of 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. This protein belongs to translation initiation factor 3 (eIF3) superfamily. It is involved in the regulation of cell cycle and likely to be a cellular cofactor for HIV-1 accessory gene product Vpr. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified COPS6 protein (Cat# [TP300252]). The protein was produced from HEK293T cells transfected with COPS6 cDNA clone (Cat# [RC200252]) using MegaTran 2.0 (Cat# [TT210002]).