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Product datasheet for PH304853

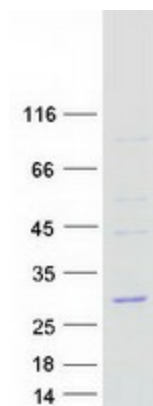## COPZ2 (NM_016429) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COPZ2 MS Standard C13 and N15-labeled recombinant protein (NP_057513)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204853
Predicted MW:	23.5 kDa
Protein Sequence:	>RC204853 protein sequence Red=Cloning site Green=Tags(s) MQRPEAWPRPHPGEGAAAAQAGGPAPPARAGEPSGLRLQEPSLYTIKAVFILDNDGRRLLAKYYDDTFPS MKEQMVFEKNVFNKTSRTESEIAFFGGMTIVYKNSIDLFLYVVGSSYENELMLMSVLTCLFESLNHMLRK NVEKRWLLENMDGAFLVLDEIVDGGVILESDPQQVIQKVNFRADDGGLTEQSVAQVLQSAKEQIKWSLLK 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_057513
RefSeq Size:	939
RefSeq ORF:	630
Synonyms:	zeta2-COP
Locus ID:	51226
UniProt ID:	Q9P299

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Cytogenetics: 17q21.32

Summary: This gene encodes a member of the adaptor complexes small subunit family. The encoded protein is a subunit of the coatomer protein complex, a seven-subunit complex that functions in the formation of COPI-type, non-clathrin-coated vesicles. COPI vesicles function in the retrograde Golgi-to-ER transport of dilysine-tagged proteins. [provided by RefSeq, Feb 2014]

Product images:

Coomassie blue staining of purified COPZ2 protein (Cat# [TP304853]). The protein was produced from HEK293T cells transfected with COPZ2 cDNA clone (Cat# [RC204853]) using MegaTran 2.0 (Cat# [TT210002]).