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Product datasheet for PH301023

COPZ1 (NM_016057) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COPZ1 MS Standard C13 and N15-labeled recombinant protein (NP_057141)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201023
Predicted MW:	20.2 kDa
Protein Sequence:	>RC201023 protein sequence Red=Cloning site Green=Tags(s) MEALILEPSLYTVKAILILDNDGDRLFAKYYDDTYPSVKEQKAFEKNIFNKTHRTDSEIALLEGLTVVYK SSIDLYFYVIGSSYENELMLMAVLNCLFDSLSQMLRKNVEKRALLENMEGLFLAVDEIVDGGVILESDPQ QVVHRVALRGEDVPLTEQTVSQVLQSAKEQIKWSLLR 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_057141
RefSeq Size:	1954
RefSeq ORF:	531
Synonyms:	CGI-120; COPZ; HSPC181; zeta-COP; zeta1-COP
Locus ID:	22818
UniProt ID:	P61923, A0A024RB72

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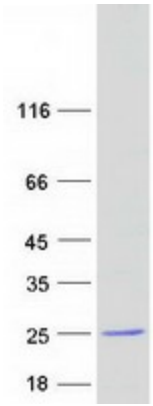
Cytogenetics: 12q13.13

Summary: This gene encodes a subunit of the cytoplasmic coatamer protein complex, which is involved in autophagy and intracellular protein trafficking. The coatomer protein complex is comprised of seven subunits and functions as the coat protein of coat protein complex (COP)I-vesicles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

Product images:



Coomassie blue staining of purified COPZ1 protein (Cat# [TP301023]). The protein was produced from HEK293T cells transfected with COPZ1 cDNA clone (Cat# [RC201023]) using MegaTran 2.0 (Cat# [TT210002]).