

Product datasheet for PH314473

CNBP (NM_003418) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CNBP MS Standard C13 and N15-labeled recombinant protein (NP_003409)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214473
Predicted MW:	19.3 kDa
Protein Sequence:	>RC214473 representing NM_003418 Red=Cloning site Green=Tags(s) MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGGFTSDRGFQFVSSSLPDICYRCGESGHLAKCDLQ EDACYNCGRGGHIAKDCKEPREREQCCYNCGKPGHLARCDHAEQKCYSCGEFGHIQKDKTKVKCYRC GETGHVAINCSKTSEVNCYRCGESGHLARECTIEATA 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_003409
RefSeq Size:	1500
RefSeq ORF:	531
Synonyms:	CNBP1; DM2; PROMM; RNF163; ZCCHC22; ZNF9
Locus ID:	7555
UniProt ID:	P62633 , A0A0S2Z4K2



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Cytogenetics: 3q21.3

Summary: This gene encodes a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. The protein functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion from <30 repeats to 75-11000 repeats in the first intron of this gene results in myotonic dystrophy type 2. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2016]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified CNBP protein (Cat# [TP314473]). The protein was produced from HEK293T cells transfected with CNBP cDNA clone (Cat# [RC214473]) using MegaTran 2.0 (Cat# [TT210002]).