

Product datasheet for PH325167

CNBP (NM_001127196) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CNBP MS Standard C13 and N15-labeled recombinant protein (NP_001120668)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225167
Predicted MW:	18.6 kDa
Protein Sequence:	>RC225167 representing NM_001127196 Red=Cloning site Green=Tags(s) MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGFQFVSSSLPDICYRCGESGHLAKDCDLQEDACYNC GRGGHIAKDCKEPREREQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKDCTKVKCYRCGETGHVA INCSKTSEVNCYRCGESGHLARECTIEATA 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_001120668
RefSeq ORF:	510
Synonyms:	CNBP1; DM2; PROMM; RNF163; ZCCHC22; ZNF9
Locus ID:	7555
UniProt ID:	P62633 , A0A0S2Z4Q3
Cytogenetics:	3q21.3



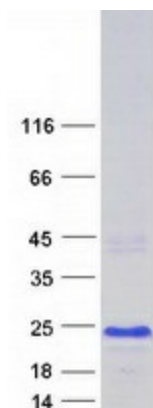
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Summary:

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# [TP325167]). The protein was produced from HEK293T cells transfected with CNBP cDNA clone (Cat# [RC225167]) using MegaTran 2.0 (Cat# [TT210002]).