

Product datasheet for PH314473

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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 **HEK293 Expression Host:**

Expression cDNA Clone

or AA Sequence:

RC214473

Predicted MW: 19.3 kDa

>RC214473 representing NM_003418 **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGGFTSDRGFQFVSSSLPDICYRCGESGHLAKDCDLQ EDACYNCGRGGHIAKDCKEPKREREQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKDCTKVKCYRC

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

Store at -80°C. Avoid repeated freeze-thaw cycles. Storage:

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 003409

RefSeg Size: 1500 RefSeq ORF: 531

Synonyms: CNBP1; DM2; PROMM; RNF163; ZCCHC22; ZNF9

Locus ID: 7555

UniProt ID: P62633, A0A0S2Z4K2





Cytogenetics:

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 capindependent translation of ornithine decarboxylase mRNA, and may also function in sterolmediated 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

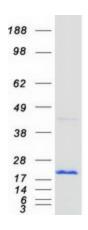
variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul

2016]

3q21.3

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]).