

Product datasheet for PH301519

NCBP2 (NM_007362) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NCBP2 MS Standard C13 and N15-labeled recombinant protein (NP_031388)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201519
Predicted MW:	18 kDa
Protein Sequence:	>RC201519 protein sequence Red=Cloning site Green=Tags(s) MSGGLLKALRSDSYVELSQYRDQHFRGDNEEQEKLLKKSCTLYVGNLSFYTTEEQIYELFSKSGDIKKII MGLDKMKKTACGFCFVEYYSRADAENAMRYINGTRLDDRIIRTDWDAGFKEGRQYGRGRSGGQVRDEYRQ DYDAGRGGYGKLAQNQ SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_031388
RefSeq Size:	2175
RefSeq ORF:	468
Synonyms:	CBC2; CBP20; NIP1; PIG55
Locus ID:	22916
UniProt ID:	P52298



[View online »](#)

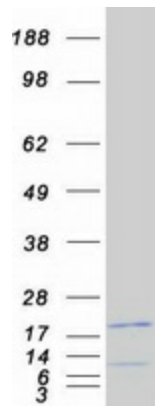
Cytogenetics: 3q29

Summary: The product of this gene is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified NCBP2 protein (Cat# [TP301519]). The protein was produced from HEK293T cells transfected with NCBP2 cDNA clone (Cat# [RC201519]) using MegaTran 2.0 (Cat# [TT210002]).