

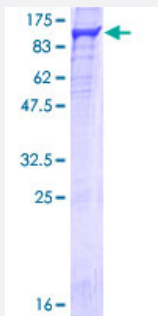
Full-Length

NCBP1 (Human) Recombinant Protein (P02)

Catalog # H00004686-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NCBP1 full-length ORF (NP_002477.1, 1 a.a. - 790 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSRRRHSDENDGGQPHKRRKTSANETEDHLESICKVGEKSACSLESNLEGLAGVLEADLPNY
KSKILRLCTVARLLPEKLTITTLVGLLNARNYNFGGEFVEAMIRQLKESLKANNYNEAVYLVRFLS
DLVNCHVIAAPSMVAMFENFVSVTQEEDVPQVRRDWYVYAFSSLPWVGKELYEKDAEMDRIF
ANTESYLKRRQKTHVPMQLQVWTADKPHPQEEYLDCLWAQIQKLKKDRWQERHILRPYLAFDSILC
EALQHNLPPTPPHTEDSVYPMPRVIFRMFDYTDDPEGVPMPGSHSVERFVIEENLHCIIKSHWK
ERKTCAAQLVSYPGKNKIPLNYHIVEVIFAELFQLPAPPHIDVMYTTLLIELCKLQPGSLPQVLAQAT
EMLYMRD(TM)NTTCVDRFINWFSHHLSNFQFRWSWEDWSDCLSQDPESPCKPKFVREVLEKCM
RLSYHQRILDMPPTFSALCPANPTCMKYGDESSNSLPGHSVALCLAVAFKSKATNDEIFSILKDVP
NPNQDDDDDEGFSFNPLKIEVFVQTLHLAAKSFHSFSALAKFHEVFKTLAESDEGKLHVLVRVM
FEVWRNHPQMIAVLVDKMIRTQVDCAAVANWIFSSLSRDFTRLFVWEILHSTIRKMNKHVLKIQK
ELEEAKEKLARQHKRRSDDDDRSSDRKDGVLLEEQIERLQEKVESAQSEQKNLFLVIFQRFIMILTE
HLVRCETDGTSLTPWYKNCIERLQQIFLQHHQIQQYMTLENLLFTAELDPHILAVFQQFCALQA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

118.2

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NCBP1

Entrez GeneID	4686
GeneBank Accession#	NM_002486.4
Protein Accession#	NP_002477.1
Gene Name	NCBP1
Gene Alias	CBP80, MGC2087, NCBP
Gene Description	nuclear cap binding protein subunit 1, 80kDa
Omim ID	600469
Gene Ontology	Hyperlink
Gene 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 prote in promotes high-affinity mRNA-cap binding and associates with the CTD of RNA polymerase II. T he CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-me diated mRNA decay. [provided by RefSeq
Other Designations	OTTHUMP00000021753