

NCBP2 recombinant protein

NCBP2, 1-156aa, Human, His tag, E Coli

CATALOG # AAA48686	HOST E Coli	APPLICATIONS SDS-Page
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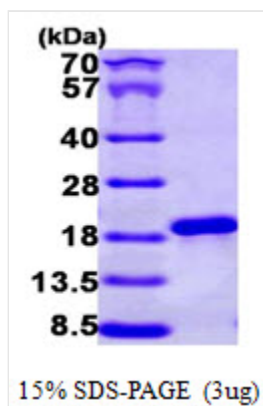
PRODUCT SYNONYMS

NCBP2; 1-156aa; Human; His tag; E Coli; Nuclear cap-binding protein subunit 2; CBC2; CBP20; NIP1; PIG55; NCBP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MSGGLLKALR SDSYVELSQY RDQHFRGDNE EQEKLLKKSC TLYVGNLSFY TTEEQIYELF SKSGDIKKII MGLDKMKKTA CGFCFVEYYS RADAENAMRY INGTDLDDRI IRTDWDAGFK EGRQYGRGRS GGQVRDEYRQ DYDAGRGGYG KLAQNNQ
Sequence Length	156
Applicable Applications for NCBP2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for NCBP2 recombinant protein	NCBP2, also known as CBC2, 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. This 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. Recombinant human NCBP2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for NCBP2 recombinant protein	Transcription & Translation
References	Izaurralde E., et al. (1994) Cell. 78: 657-668.; Strasser A., et al. (2005) EMBO J 24 (13):2235-43.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923387
NCBI GeneID	22916
NCBI Accession #	NP_031388
NCBI GenBank Nucleotide #	NM_007362.3
UniProt Accession #	P52298; Q14924; Q2TS50; B2RE91; B4DMK7; E9PAR5
Molecular Weight	20.1 kDa (176aa), confirmed by MALDI-TOF
NCBI Official Full Name	nuclear cap-binding protein subunit 2 isoform 1
NCBI Official Synonym Full Names	nuclear cap binding protein subunit 2
NCBI Official Symbol	NCBP2
NCBI Official Synonym Symbols	CBC2; NIP1; CBP20; PIG55
NCBI Protein Information	nuclear cap-binding protein subunit 2
UniProt Protein Name	Nuclear cap-binding protein subunit 2
UniProt Gene Name	NCBP2
UniProt Synonym Gene Names	CBP20; CBP20; NIP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ncbp2-recombinant-protein-e-coli-sds-page/48686>