

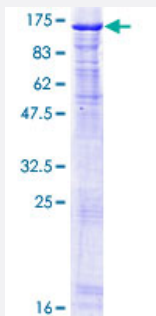
Full-Length

NCAPH (Human) Recombinant Protein (P01)

Catalog # H00023397-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human NCAPH full-length ORF (AAH24211.1, 1 a.a. - 741 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGPPGPALPATMNNSSSETRGHPHSASSPSERVFPMLPRKAPLNIPGTPVLEDFPQNDDEKE
RLQRRRSRVFDLQFSTDSPRLLASPSSRSIDISATIPKFTNTQITEHYSTCIKLSTENKITTNAFGLHL
IDFMSEILKQKDTEPTNFKVAAGTLDASTKIYVRVDAVHADVYRVLGGLGKDAPSLEEVEGHVA
DGSATEMGTTKAVKPKKKHLHRTIEQNINNLNVSEADRKCEIDPMFQKTAASFDECSTAGVFLS
TLHCQDYRSELLFPSDVQTLSTGEPELPELGCVEMTDLKAPLQQCAEDRQICPSLAGFQFTQW
DSETHNESVSALVDKFKKNDQVFDINAEVDESDCGDFPDGSLGDDFDANDEPDHTAVGDHEEF
RSWKEPCQVQSCQEEMISLGDGDIRTMCPLL SMKPGEYSYFSPRTMSMWAGPDHWRFRPRRK
QDAPSQSENKKKSTKKDFEIDFEDDIDFDVYFRKTKAATILTKSTLENQNWRAATLPTDFNYNVDT
LVQLHLKPGTRLLKMAQGHRAETEHYEEIEDYDYNPNPNDTSNFCPGLQAADSDDDELDDLFGVP
VGNSDLSPYPCHPPKTAQQNGDTPEAQGLDITTYGESNLVAEPQKVNKIEIHYAKTAKKMDMKKL
KQSMWSLLTALSGKEADAENHREAGKEAALAEVADEKMLSGLTKDLQRS LPPVMAQNLSIPLA
FACLLHLANEKNLKL EGTEDLSDVLVRQGD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

108.9

Interspecies Antigen Sequence

Mouse (78)

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 — NCAPH

Entrez GeneID	23397
GeneBank Accession#	BC024211.2
Protein Accession#	AAH24211.1
Gene Name	NCAPH
Gene Alias	BRRN1, CAP-H, HCAP-H
Gene Description	non-SMC condensin I complex, subunit H
Omim ID	602332
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the barr gene family and a regulatory subunit of the condensin complex. This complex is required for the conversion of interphase chromatin into condensed chromosomes. The protein encoded by this gene is associated with mitotic chromosomes, except during the early phase of chromosome condensation. During interphase, the protein has a distinct punctate nucleolar localization. [provided by RefSeq]

Other Designations

XCAP-H homolog|barren homolog 1|chromosome-associated protein H|condensin complex subunit 2
