

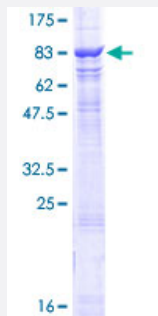
Full-Length

CHAF1B (Human) Recombinant Protein (P01)

Catalog # H00008208-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CHAF1B full-length ORF (NP_005432.1, 1 a.a. - 559 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKVITCEIAWHNKEPVYSLDFQHGTAGRIHRLASAGVDTNVRMWKEKGPDKAMEFLSNLARHT
KAVNVVRFSPTEILASGGDDAVILLWKVNDNKEPEQIAFQDEDEAQLNKENWTVVKTLRGHLED
VYDICWATDGNLMASASVDNTAIMVDVSKGQKISIFNEHKSYYQGVTDPLGQYVATLSCDRVLRV
YSIQKKRVAFNVS KM LSGIGAEGEARSYRMFHDDSMKSFFRRLSFTPDGSLLLTPAGCVESGEN
VMNTTYVFSRKNLKRPIAHLPCPGKATLAVRCCPVYFELRPVVETGVELMSLPYRLVFAVASEDS
VLLYDTQQSFPGYVSNHYHTLSDISWSSDGAFLAISSTDGYCSFVTFEKDELGIPLKEKPVLNMR
TPDTAKKTKSQTHRGS SPGPRPVEGTPASRTQDPSSPGTTPPQARQAPAPTVIDPPSITPAVK
PLPGPSEEKTLQPSSQNTKAHPSRRVTLNLTQAWSKTTPRRINLTPLKTDTPSSSVPTSVISTPST
EEIQSETPGDAQGSPPELKRPRLDENKGGTESLDP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.9

Interspecies Antigen Sequence

Mouse (83); Rat (84)

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 — CHAF1B

Entrez GeneID	8208
GeneBank Accession#	NM_005441.2
Protein Accession#	NP_005432.1
Gene Name	CHAF1B
Gene Alias	CAF-1, CAF-IP60, CAF1, CAF1A, CAF1P60, MPHOSPH7, MPP7
Gene Description	chromatin assembly factor 1, subunit B (p60)
Omim ID	601245
Gene Ontology	Hyperlink
Gene Summary	Chromatin assembly factor I (CAF-I) is required for the assembly of histone octamers onto newly-replicated DNA. CAF-I is composed of three protein subunits, p50, p60, and p150. The protein encoded by this gene corresponds to the p60 subunit and is required for chromatin assembly after replication. The encoded protein is differentially phosphorylated in a cell cycle-dependent manner. In addition, it is normally found in the nucleus except during mitosis, when it is released into the cytoplasm. This protein is a member of the WD-repeat HIR1 family and may also be involved in DNA repair. [provided by RefSeq]

Other Designations

CAF-1 subunit B|CAF-I 60 kDa subunit|M-phase phosphoprotein 7|chromatin assembly factor 1 subunit B|chromatin assembly factor I p60 subunit|human chromatin assembly factor-I p60 subunit
