

Recombinant Human CHAF1B Protein, GST-Tagged

Cat. No. CHAF1B-1204H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHAF1B full-length ORF (NP_005432.1, 1 a.a. - 559 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Jul 2008]
Molecular Mass	87.9 kDa
AA Sequence	MKVITCEIAWHNKEPVYSLDFQHGTAGRIHRLASAGVDTNVRWKVEKGPDGKAIVE FLSNLARHTKAVNVVRFSPTEILASGGDDAVILLWKVNDNKEPEQIAFQDEDEAQL NKENWTVVKTLRGHLEDVYDICWATDGNLMASASVDNTAIWVSKGQKISIFNEHK SYVQGVTDWPLGQYVATLSCDRVLRVYSIQKKRVAFNVSKMLSGIGAEGEARSYRM FHDDSMKSFFRRLSFTPDGSLLLTPAGCVESGENVMNTTYVFSRKNLKRPIAHLPCP GKATLAVRCCPVYFELRPVVETGVELMSLPYRLVFAVASEDSVLLYDTQQSFPGYV

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SNIHYHTLSDISWSSDGAFLAISSTDGYCSFVTFEKDELGIPLKEKPVLNMRTPD
 TAK
 KTKSQTHRGSSPGPRPVEGTPASRTQDPSSPGTTPPQARQAPAPTVIDPPSITPA
 VKSPLPGPSEEKTLQPSSQNTKAHPSRRVTLNTLQAWSKTTPRRINLTPLKTDTPPS
 SVPTSVISTPSTEEIQSETPGDAQGSPPELKRPRLDENKGGTESLDP

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CHAF1B chromatin assembly factor 1, subunit B (p60) [Homo sapiens]

Official Symbol CHAF1B

Synonyms CHAF1B; chromatin assembly factor 1, subunit B (p60); chromatin assembly factor 1 subunit B; CAF 1; CAF1; CAF1A; CAF1P60; Chromatin assembly factor I; p60 subunit; human chromatin assembly factor I p60 subunit; M phase phosphoprotein 7; MPHOSPH7; MPP7; CAF-I p60; CAF-1 subunit B; CAF-I 60 kDa subunit; M-phase phosphoprotein 7; chromatin assembly factor I p60 subunit; human chromatin assembly factor-I p60 subunit; CAF-1; CAF-IP60;

Gene ID 8208

mRNA Refseq NM_005441

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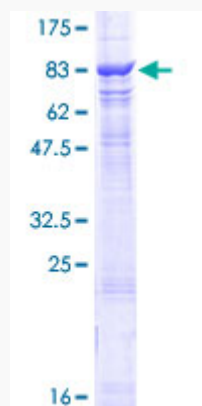
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Protein Refseq NP_005432

MIM 601245

UniProt ID Q13112

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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