

# Recombinant Full Length Human CHAF1B Protein, GST-tagged

**Cat. No.** CHAF1B-3309HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CHAF1B full-length ORF (NP_005432.1, 1 a.a. - 559 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	559 amino acids
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	87.9 kDa
<b>AA Sequence</b>	<p>MKVITCEIAWHNKEPVYSLDFQHGTAGRIHRLASAGVDTNVRWKVEKGPDGKAIVE          FLSNLRHTKAVNVVRFSPTEILASGGDDAVILLWKVNDNKEPEQIAFQDEDEAQL          NKENWTVVKTLRGHLEDVYDICWATDGNLMSASVDNTAIWVSKGQKISIFNEHK          SYVQGVTDWPLGQYVATLSCDRVLRVYSIQKKRVAFNVSKMLSGIGAEGEARSYRM          FHDDSMKSFRRLSFTPDGSLLLTPAGCVESGENVMNTTYVFSRKNLKRPIAHLPCP</p>

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GKATLAVRCCPVYFELRPVVETGVELMSLPYRLVFAVASEDSVLLYDTQQSFPGYV  
 SNIHYHTLSDISWSSDGAFLAISSTDGYCSFVTFEKDELGIPLKEKPVLNMRTPDTAK  
 KTKSQTHRGSSPGPRPVEGTPASRTQDPSSPGTTPPQARQAPAPTVIDPPSITPA  
 VKSPLPGPSEEKTLQPSSQNTKAHPSRRVTLNLTQAWSKTTPRRINLTPLKTDTPPS  
 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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**Protein Refseq** NP\_005432

**MIM** 601245

**UniProt ID** Q13112

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