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	MKVITCEIAWHNKEPVYSLDFQHGTAGRIHRLASAGVDTNVRIWKVEKGPDGKAIVE FLSNLARHTKAVNVVRFSPTGEILASGGDDAVILLWKVNDNKEPEQIAFQDEDEAQL NKENWTVVKTLRGHLEDVYDICWATDGNLMASASVDNTAIIWDVSKGQKISIFNEHK SYVQGVTWDPLGQYVATLSCDRVLRVYSIQKKRVAFNVSKMLSGIGAEGEARSYRM FHDDSMKSFFRRLSFTPDGSLLLTPAGCVESGENVMNTTYVFSRKNLKRPIAHLPCP GKATLAVRCCPVYFELRPVVETGVELMSLPYRLVFAVASEDSVLLYDTQQSFPFGYV

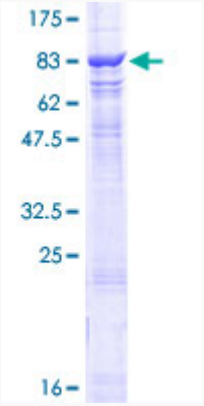
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	SNIHYHTLSDISWSSDGAFLAISSTDGYCSFVTFEKDELGIPLKEKPVLNMRTPDTAK KTKSQTHRGSSPGPRPVEGTPASRTQDPSSPGTTPPQARQAPAPTVIRDPPSITPA VKSPLPGPSEEKTLQPSSQNTKAHPSRRVTLNTLQAWSKTTPRRINLTPLKTDTPPS SVPTSVISTPSTEEIQSETPGDAQGSPPELKRPRLDENKGGTESLDP
Applications	Enzyme-linked 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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Protein Refseq	NP_005432
MIM	601245
UniProt ID	Q13112
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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