Recombinant Full Length Human CHAF1B Protein, C-Flag-tagged

Cat. No. CHAF1B-51HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CHAF1B Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	61.3 kDa
AA Sequence	MKVITCEIAWHNKEPVYSLDFQHGTAGRIHRLASAGVDTNVRIWKVEKGPDGKAIVE FLSNLARHTKAVN VVRFSPTGEILASGGDDAVILLWKVNDNKEPEQIAFQDEDEAQL NKENWTVVKTLRGHLEDVYDICWATD GNLMASASVDNTAIIWDVSKGQKISIFNEHK SYVQGVTWDPLGQYVATLSCDRVLRVYSIQKKRVAFNVS KMLSGIGAEGEARSYR MFHDDSMKSFFRRLSFTPDGSLLLTPAGCVESGENVMNTTYVFSRKNLKRPIAH LP

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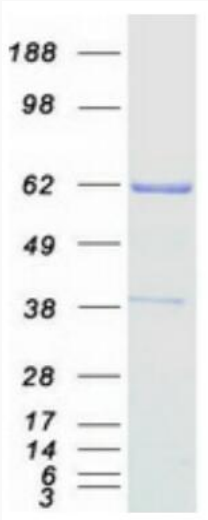
	CPGKATLAVRCCPVYFELRPVVETGVELMSLPYRLVFAVASEDSVLLYDTQQSFPFG YVSNIHYHTLS DISWSSDGAFLAISSTDGYCSFVTFEKDELGIPLKEKPVLNMRTPDT AKKTKSQTHRGSSPGPRPVEGTP ASRTQDPSSPGTTPPQARQAPAPTVIRDPPSIT PAVKSPLPGPSEEKTLQPSSQNTKAHPSRRVTLNTLQ AWSKTTPRRINLTPLKTDTP PSSVPTSVISTPSTEEIQSETPGDAQGSPPELKRPRLDENKGGTESLDPTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	CHAF1B chromatin assembly factor 1 subunit B [Homo sapiens (human)]
Official Symbol	CHAF1B
Synonyms	CAF1; MPP7; CAF-1; CAF1A; CAF1P60; CAF-IP60; MPHOSPH7

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Gene ID	8208
mRNA Refseq	NM_005441.3
Protein Refseq	NP_005432.1
MIM	601245
UniProt ID	Q13112



Coomassie blue staining of purified CHAF1B protein.

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