

Product datasheet for TP509007

Chaf1b (NM_028083) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chromatin assembly factor 1, subunit B (p60) (Chaf1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209007 representing NM_028083 Red=Cloning site Green=Tags(s)

MEPGNLTWVSEFVFLGFSEIWELQVFLFWFLCVYSTTVVGNLLIIVTVSSDPR LHTPMYFLLRNLA VLD
LCFSSVTAPKMLVDLSEKKTISYRGC MVQIFFFHFLGGAMVFFLSVMAYDRLVAISRPLHYVTIMNSQL
CMGLVASWVGGAHSIVQLSLMLPLPFCGPNVLDNFYCDVPQVLR LACMDTSLLEFLMISNSGMLDVIW
FFLLISYLVILVMLRSHSGEARRKA ASTCTTHIIVSMIFIPSIYLYARPFTPFTMDKAVSISHTVMT P
MLNPMIYTLRNQEMQAAMKRLAKRLALCNRE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	63.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_082359
Locus ID:	110749
UniProt ID:	Q9D0N7



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RefSeq Size:	1913
Cytogenetics:	16 54.96 cM
RefSeq ORF:	933
Synonyms:	2600017H24Rik; C76145; CAF-I p60; CAF-Ip60; CAF1; CAF1A; CAF1P60; MPHOSPH7
Summary:	Complex that is thought to mediate chromatin assembly in DNA replication and DNA repair. Assembles histone octamers onto replicating DNA in vitro. CAF-1 performs the first step of the nucleosome assembly process, bringing newly synthesized histones H3 and H4 to replicating DNA; histones H2A/H2B can bind to this chromatin precursor subsequent to DNA replication to complete the histone octamer (By similarity).[UniProtKB/Swiss-Prot Function]