

Product datasheet for **TP506235**

Cipc (NM_173735) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CLOCK interacting protein, circadian (Cipc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206235 protein sequence Red =Cloning site Green =Tags(s)

MERKIPRESRRLSAKPGRGTEMKKLARPLGVVAADSDKDSGFSGSDGSSECLSSAEQMESEDMLSALGCK
REDKRRQPSKAADTALPTLPPMVMKSVLVKQGSSSSQLQSWTVQPSFEVISAQPQLFVLHPPVPSVSS
CQTGEKKSESRNYLPILNSYTKIAPHGKRGLNSEDRTSGVSKKLCRTERPGPSLSSSEPAKTGRVLSSP
STPAPPSSKLTEDSTLQGVPSLGAGGSPQTLQPVSSSHVAKAPSLTLASPAPVCASDSTLHGLESSSPL
SPLSASYTSPLWAAEHLCRSPDIFSEQRQNKHRRFQNTLVVLHKSGLLEITLKTKEIRQNQATQAELDQ
LKEQTQMFIEATKSRAPQAWAKLQASLTSGSSHSGSDLDTLSDHPDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	42.4 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_776096
Locus ID:	217732
UniProt ID:	Q8R0W1 , Z4YJ10



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RefSeq Size:	4116
Cytogenetics:	12 D2
RefSeq ORF:	1194
Synonyms:	2310044G17Rik; AI842544; AI853744; Kiaa1737; mKIAA1737
Summary:	Transcriptional repressor which may act as a negative-feedback regulator of CLOCK-ARNTL/BMAL1 transcriptional activity in the circadian-clock mechanism. May stimulate ARNTL/BMAL1-dependent phosphorylation of CLOCK (PubMed:17310242, PubMed:19414601). However, the physiological relevance of these observations is unsure, since experiments in knockout mice showed that CIPC is not critically required for basic circadian clock (PubMed:25862660).[UniProtKB/Swiss-Prot Function]