

Product datasheet for TP306226M

CIPC (NM_033426) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human KIAA1737 (KIAA1737), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC206226 protein sequence
Red=Cloning site **Green**=Tags(s)

MERKNPSRESPRRLSAKVGKSTEMKKVARQFGMAAAESDKDSGFSFGSSECLSSAEQMESEDMLSALGWS
REDRPRQNSKTAKNAFPTLSPMVVMKNVLVKQGSSSSQLQSWTVQPSFEVISAQPQLLFLHPPVPSVSP
CHTGEKKSRSRNYLPILNSYTKIAPHPGKRGLSLGPEEKGTSGVQKKICTERLGPSSSSEPTKAGAVPS
SPSTPAPPSAKLAEDSALQGVPSLVAGGSPQTLQPVSSSHVAKAPSLTFASPASCASDSTLHGLESNS
PLSPLSANYSSPLWAAEHLCRSPDIFSEQRQSKHRRFQNTLVVLHKSGLLEITLTKELIRQNQATQVEL
DQLKEQTQLFIEATKSRAPQAWAKLQASLTPGSSNTGSDLEAFSDHPAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 42.5 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
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_219494](#)
Locus ID: 85457



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UniProt ID: [Q9C0C6](#)

RefSeq Size: 4397

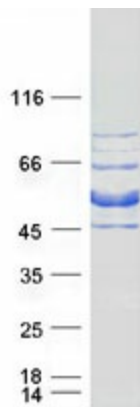
Cytogenetics: 14q24.3

RefSeq ORF: 1197

Synonyms: KIAA1737

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. However, the physiological relevance of these observations is unsure, since experiments in an animal model showed that CIPC is not critically required for basic circadian clock.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CIPC protein (Cat# [TP306226]). The protein was produced from HEK293T cells transfected with CIPC cDNA clone (Cat# [RC206226]) using MegaTran 2.0 (Cat# [TT210002]).