

Product datasheet for PH306226

CIPC (NM_033426) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KIAA1737 MS Standard C13 and N15-labeled recombinant protein (NP_219494)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206226
Predicted MW:	42.7 kDa
Protein Sequence:	>RC206226 protein sequence Red=Cloning site Green=Tags(s)
	MERKNPSRESPRRLSAKVGKGTEMKKVARQFGMAAESDKDSGFSGDSSECLSSAEQMESEDMLSALGWS REDRPRQNSKTAKNAPFTLSPMVVMKNVLVKQGSSSSQLQSWTVQPSFEVISAQPQLLFLHPPVPSVSP CHTGEKKSRSRNYLPILNSYTKIAPHPGKRGLSLGPEEKGTSGVQKKICTERLGPSSLSSSEPTKAGAVPS SPSTPAPPSAKLAEDSALQGVPSLVAGGSPQTLQPVSSSHVAKAPSLTFASPASPVCASDSTLHGLESNS PLSPLSANYSSPLWAAEHLCRSPDIFSEQRQSKHRRFQNTLVVLHKSGLLEITLKTKEKELIRQNQATQVEL DQLKEQTLQFIEATKSRAPQAWAKLQASLTPGSSNTGSDLEAFSDHPAI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_219494
RefSeq Size:	4397
RefSeq ORF:	1197
Synonyms:	KIAA1737
Locus ID:	85457



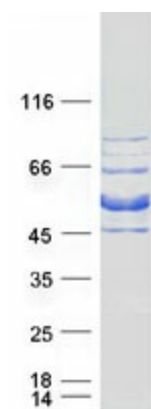
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UniProt ID: [Q9C0C6](#)

Cytogenetics: 14q24.3

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]).