

## Recombinant Human CIART protein, T7/His-tagged

Cat. No. CIART-217H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CHRONO ( 384 aa, derived from BC027999 ) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGHHHHHGNLYFQGGGSDSPSSVSSYSYSSLSLSSSFPTSPVNS DFGFPSDSEREDKGAHGPRPD TVGQRGGSRPSPGPIRCRHRKSVSGNQHTPSHP KQRGSASPMAGSGAKRSRDGELETSLNTQGCTTEGDLLFAQK CKELQGFIPLTDL LNGLKMGRFERGLSSFQQSVAMDRIQRIVGVLQKPQMGERYLGTLQVEGMLKTV FPQIAA QKSSLGGGKHKQLTKHFPSHSDSAASSPASPMEKMDQTQLGHLALKPKQ PWHLTQWPAMNLTWIHTTTPICNPPLS SPGTISFSHGPLGTGTGIGVILFLQHGVPF THSAPTPVPTTASPVIPGEMKLSGEGPRCYSLPVTLPDWS YTLSPPSLPTLAR KMTIGHREQQRSHPPVAADAHLLNL
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage</b>	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

### GENE INFORMATION

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<b>Gene Name</b>	CIART circadian associated repressor of transcription [ Homo sapiens ]
<b>Official Symbol</b>	CIART
<b>Synonyms</b>	GM129; CHRONO; C1orf51
<b>Gene ID</b>	148523
<b>mRNA Refseq</b>	NM_001300838
<b>Protein Refseq</b>	NP_001287767
<b>MIM</b>	615782
<b>UniProt ID</b>	Q8N365
<b>Chromosome Location</b>	1q21.2
<b>Function</b>	E-box binding; core promoter sequence-specific DNA binding; protein binding; chIP-derived repressor of network oscillator; computationally highlighted repressor of the network oscillator

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