

Recombinant Human CIART protein, T7/His-tagged

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

SPECIFICATION

Product Overview	Recombinant human CHRONO (384 aa, derived from BC027999) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	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.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGGSDSPSSVSSYSYSSLSLSSSFPTSPVNS DFGFPSDSEREDKGAHGPRPD TVGQRGGSRPSPGPIRCRHRKSVSGNQHTPSHP KQRGSASPMAGSGAKRSRDGELETSLNTQGCTTEGDLLFAQK CKELQGFIPLTDL LNLKMGFRFERGLSSFQQSVAMDRIQRIVGVLPKQPMGERYLGTLTLLQVEGMLKWTW FPQIAA QKSSLGGGKHQLTKHFPSHSDSAASSPASPMEKMDQTLGHLALKPKQ PWHLTQWPAMNLTWIHTTTPICNPPLS SPGTISFSHGPLGTGTGIGVILFLQHGVQPF THSAPTTVPPTTASPVIPGEPMKLSGEGPRCYSLPVTLPDWS YTLSPPSLPTLAR KMTIGHREQQRSHPPVAADAHLLNL
Purity	>90% by SDS-PAGE
Storage	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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Gene Name	CIART circadian associated repressor of transcription [Homo sapiens]
Official Symbol	CIART
Synonyms	GM129; CHRONO; C1orf51
Gene ID	148523
mRNA Refseq	NM_001300838
Protein Refseq	NP_001287767
MIM	615782
UniProt ID	Q8N365
Chromosome Location	1q21.2
Function	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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