# Recombinant Human CIART protein, T7/His-tagged

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

## SPECIFICATION

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| **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** | MASMTGGQQMGRGHHHHHHGNLYFQGGGSDSPSSVSSYSSYSLSSSFPTSPVNS DFGFPSDSEREDKGAHGPRPD TVGQRGGSRPSPGPIRCRHRSKVSGNQHTPSHP KQRGSASPMAGSGAKRSRDGELETSLNTQGCTTEGDLLFAQK CKELQGFIPPLTDL LNGLKMGRFERGLSSFQQSVAMDRIQRIVGVLQKPQMGERYLGTLLQVEGMLKTW FPQIAA QKSSLGGGKHQLTKHFPSHHSDSAASSPASPMEKMDQTQLGHLALKPKQ PWHLTQWPAMNLTWIHTTPICNPPLS SPGTISFSHGPLGTGTGIGVILFLQHGVQPF THSAPTTPVPPTTASPVIPGEPMKLSGEGPRCYSLPVTLPSDWS 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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