

## Recombinant Human CIART protein, His-tagged

Cat. No. CIART-6754H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human CIART protein(1-385 aa), fused with N-terminal His tag, was expressed in E.coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-385 aa   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.   |
| <b>AASequence</b>       | <p>MDSPSSVSSYSSYSLSSSFPTSPVNSDFGFPSDSEREDKGAHGPRPDTVGRGGS<br/>           RPSPGPIRCRHRKVSQGNQHTPSHPKQRGSASPMAGSGAKRSRDGELETSLNQGG<br/>           CTTEGDLLFAQKCKELQGFIPPLDLLNGLKMGFRFERGLSSFQQSVAMDRIQRIVGV<br/>           LQKPQMGERYLGTLQVEGMLKTWFPQIAAQKSSLGGGKHQLTKHFPSHHSDSAA<br/>           SSPASPMEKMDQTLGLHLALKPKQPWHLTQWPAMNLTWIHTTPICNPPLSSPGTIS<br/>           FSHGPLGTGTGIGVILFLQHGVQPFTHSAPTPVPPTTASPVIPGEPMKLSGEGPRC<br/>           YSLPVTLPDWSYTLSPPSLPTLARKMTIGHREQQRSHPPVAADAHLLNL</p> |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA