

## Recombinant Human CGREF1, His tagged

Cat. No. CGREF1-143H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CGREF1 (Q99674-1) (Met1-Ile301), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-301 a.a.
<b>Predicted N Terminal</b>	Ala 20
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CGREF1 comprises 293 amino acids and has a predicted molecular mass of 31.3 kDa. The apparent molecular mass of the protein is approximately 38-42 and 33 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	(71.7+22.2) % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

 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

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** CGREF1 cell growth regulator with EF-hand domain 1 [ Homo sapiens ]

**Official Symbol** CGREF1

**Gene ID** 10669

**mRNA Refseq** NM\_001166239

**Protein Refseq** NP\_001159711

**MIM** 606137

**UniProt ID** Q99674

**Chromosome Location** 2p23.3

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