

## Recombinant Human NCF2 protein, GST-tagged

**Cat. No.** NCF2-1856H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NCF2 protein(178-526 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 178-526 aa                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.                                                                                                        |
| <b>AA Sequence</b>      | PVGR LFRPNERQVAQLAKKDYLGKATVVASVVDQDSFSGFAPLQPQAAEPPPRPKT<br>PEIFRALEGEAHRVLFGFVPETKEELQVMPGNIVFVLKKGNDNWATVMFNGQKGLV<br>PCNYLEPVELRIHPQQQPQEESPQSDIPAPPSSKAPGRPQLSPGQKQKEEPKEVK<br>LSVPMPYTLKVHYKYTVVMKTQPLPYSQVRDMVSKKLELRLEQTKLSYRPRDSNE<br>LVPLSEDSMKDAWGQVKNYCLTLWCENTVGDQGFPDEPKESKADANNQTTEPQL<br>KKGSQVEALFSYEATQPEDLEFQEGDIILVLSKVNEEWLEGECKGKVGIFPKVFVED<br>CATTDLESTRREV |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer                                                                                                                                                                                                                                            |

 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

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.  
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** NCF2 neutrophil cytosolic factor 2 [ Homo sapiens ]

**Official Symbol** NCF2

**Synonyms** NCF2; neutrophil cytosolic factor 2; neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2); neutrophil cytosol factor 2; chronic granulomatous disease; autosomal 2; NADPH oxidase activator 2; NOXA2; p67phox; 67 kDa neutrophil oxidase factor; neutrophil NADPH oxidase factor 2; chronic granulomatous disease, autosomal 2; NCF-2; P67PHOX; P67-PHOX; FLJ93058;

**Gene ID** 4688

**mRNA Refseq** NM\_000433

**Protein Refseq** NP\_000424

**MIM** 608515

**UniProt ID** P19878

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