

## 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>	PVGRLEFRPNERQVAQLAKKDYLKATVVASVVDQDSFSGFAPLQPQAAEPPRPKT PEIFRALEGEAHRVLFVGFVPETKEELQVMPGNIVFVLKKGNDNWATVMFNGQKGLV PCNYLEPVELRIHPQQQPQEESSPQSDIPAPPSSKAPGRPQLSPGQKQKEEPKEVK LSVPMPYTLKVHYKYTVVMKTQPGLPYSQVRDMVSKKLELRLEQTKLSYRPRDSNE LVPLSEDSMKDAWGQVKNYCLTLWCENTVGDQGFDPDEPKSEKADANNQTTEPQL KKGSQVEALFSYEATQPEDLEFQEGDIILVLSKVNEEWLEGECKGKVGIFPKVFVED 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). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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

**Reconstitution**

Reconstitute at 0.25 g/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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