

## Recombinant Human NCF1 protein, GST-tagged

Cat. No. NCF1-301532H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NCF1 (31-190 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys31-Glu190
<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.
<b>AA Sequence</b>	KWQDLSEKVVYRRFTEIYEFHKTLKEMFPIEAGAINPENRIIPHLPAKWFDGQRAAE NRQGTLTEYCSLMSLPTKISRCPHLLDFFKVRPDDLKLPTDNQTKKPETYLMPKDG KSTATDITGPILQTYRAIANYEKTSGSEMALSTGDVVEVVEKSE
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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## GENE INFORMATION

**Gene Name** [NCF1 neutrophil cytosolic factor 1 \[ Homo sapiens \]](#)

**Official Symbol** [NCF1](#)

**Synonyms** [NCF1](#); neutrophil cytosolic factor 1; neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1); neutrophil cytosol factor 1; chronic granulomatous disease; autosomal 1; NADPH oxidase organizer 2; [NCF1A](#); [NOXO2](#); [p47phox](#); [SH3PXD1A](#); [NCF-1](#); [NCF-47K](#); [p47-phox](#); [nox organizer 2](#); [nox-organizing protein 2](#); 47 kDa neutrophil oxidase factor; neutrophil NADPH oxidase factor 1; SH3 and PX domain-containing protein 1A; 47 kDa autosomal chronic granulomatous disease protein; neutrophil cytosolic factor 1, (chronic granulomatous disease, autosomal 1); [FLJ79451](#);

**Gene ID** [653361](#)

**mRNA Refseq** [NM\\_000265](#)

**Protein Refseq** [NP\\_000256](#)

**MIM** [608512](#)

**UniProt ID** [P14598](#)

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