

Recombinant Human NCF1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NCF1 (31-190 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys31-Glu190
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	KWQDLSEKVVYRRFTEIYEFHKTLKEMFPIEAGAINPENRIIPHLPAKWFDGQRAAE NRQGTLT EYCS TLM SLPTKISRCPHLLDFFKVRPDDLKLPTDNQTKKPETYLMPKDG KSTATDITGP IILQTYRAIANYEKTSGSEMALSTGDVVEVVEKSE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	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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