

Recombinant Human NCF1, His-tagged

Cat. No. NCF1-1208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCF1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	201-390aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

Chromosome Location 7q11.23

Pathway Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Leishmaniasis, organism-specific biosystem; Leishmaniasis, conserved biosystem; Leukocyte transendothelial migration, organism-specific biosystem;

Function GTP binding; GTPase activity; SH3 domain binding; electron carrier activity; phosphatidylinositol binding; protein binding; superoxide-generating NADPH oxidase activity;

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