

Recombinant Human NCF2 protein(Met1-Val526), His&GST-tagged

Cat. No. NCF2-3243H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human NCF2 (AAH01606.1) (Met1-Val526) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | Met1-Val526 |
| Form | Lyophilized from sterile 20mM Tris, 500mM Nacl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant human NCF2 /GST chimera consists of 763 amino acids and has a calculated molecular mass of 87.6 kDa. The recombinant protein migrates as an approximately 80-90 kDa band in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method |
| Purity | > 90 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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