

Recombinant Mouse Ncf1 Protein, Myc/DDK-tagged

Cat. No. Ncf1-4308M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length neutrophil cytosolic factor 1 (Ncf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).
Molecular Mass	45.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Ncf1 neutrophil cytosolic factor 1 [Mus musculus (house mouse)]
Official Symbol	Ncf1
Synonyms	NCF1; neutrophil cytosolic factor 1; neutrophil cytosol factor 1; NCF-47K; p47-phox; NADPH oxidase subunit (47 kD); NADPH oxidase subunit (47kDa); 47 kDa neutrophil oxidase factor; neutrophil NADPH oxidase factor 1; NOXO2; Ncf-1; p47phox; p47<phox>
Gene ID	17969
mRNA Refseq	NM_010876
Protein Refseq	NP_035006
UniProt ID	Q09014

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