

## Recombinant Mouse Ncf1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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<b>Gene Name</b>	Ncf1 neutrophil cytosolic factor 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ncf1
<b>Synonyms</b>	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>
<b>Gene ID</b>	17969
<b>mRNA Refseq</b>	NM_010876
<b>Protein Refseq</b>	NP_035006
<b>UniProt ID</b>	Q09014

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