

## Recombinant Human NCF2 Protein, MYC/DDK-tagged

Cat. No. NCF2-475H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NCF2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2010].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	59.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	neutrophil cytosolic factor 2 [ Homo sapiens ]
<b>Official Symbol</b>	NCF2
<b>Synonyms</b>	NCF-2; NOXA2; P67-PHOX; P67PHOX
<b>Gene ID</b>	4688
<b>mRNA Refseq</b>	NM_001190789.1
<b>Protein Refseq</b>	NP_001177718.1
<b>MIM</b>	608515
<b>UniProt ID</b>	P19878

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