

Recombinant Human NCF2 Protein (Lys355-Val526), His tagged

Cat. No. NCF2-4668H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NCF2 (Lys355-Val526) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys355-Val526
Description	NCF2, also known as NCF-2 and p67phox, is a subunit of the multi-protein NADPH oxidase complex. NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in NCF2 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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	21.6 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	NCF2 neutrophil cytosolic factor 2 [Homo sapiens (human)]
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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