

Recombinant Full Length Human NCF2 Protein

Cat. No. NCF2-335HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NOXA2/p67phox with N-terminal proprietary tag; 83.86 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	526 amino acids
Description	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.
Form	Liquid
Molecular Mass	83.860kDa inclusive of tags
AA Sequence	MSLVEAISLWNEGVLAADKKDWKGALDAFSQVDPHSRIC FNIGCMYTILKNMTEA EKAFTRSINRDKHLAVAYFQRGML YYQTEKYDLAIKDLKEALIQLRGNQLIDYKILGL QFKLFA CEVLYNIAFMYAKKEEWKKAEEQLALATSMKSEPRHSKID KAMECVWKQ KLYEPVVIPVGRLFRPNERQVAQLAKKDYLK KATVVASVVDQDSFSGFAPLQPQAA

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EPPRPKTPEIFRAL EGEAHRVLFQFVPETKEELQVMPGNIVFVLKKGNDNWATV M
 FNGQKGLVPCNYLEPVELRIHPQQQPQEESPQSDIPAP PSSKAPGRPQLSPGQK
 QKEEPKEVKLSVPMPTLKVHYKY TVVMKTQGPLYSQVRDMVSKKLELRLEQTKL
 SYRPRDSN ELVPLSEDSMKDAWGQVKNYCLTLWCENTVGDQGFDPDEPK ESEKAD
 ANNQTTEPQLKKGSQVEALFSYEATQPEDLEFQE GDILVLSKVNEEWLEGECKGK
 VGIFPKVFVEDCATTDLE STRREV

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 4688

mRNA Refseq NM_000433

Protein Refseq NP_000424

MIM 608515

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