

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	MSLVEAISLWNEGVLAADKKDWKGALDAFSVQDPHSRIC FNIGCMYTILKNMTEA EKAFTRSINRDKHLAVAYFQRGML YYQTEKYDLAIKDLKEALIQLRGNQLIDYKILGL QFKLFA CEVLYNIAFMYAKKEEWKKAEEQLALATSMKSEPRHSKID KAMECVWKQ KLYEPVVIPVGRLFRPNERQVAQLAKKDYLK KATVVASVVDQDSFSGFAPLQPQAA

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EPPPRPKTPEIFRAL EGEAHRVLFVGFVPETKEELQVMPGNIVFVLKKGNDNWATV M
 FNGQKGLVPCNYLEPVELRIHPQQPQEESPQSDIPAP PSSKAPGRPQLSPGQK
 QKEEPKEVKLSVPMPLYTLKVHYKY TVVMKTQPGLPYSQVRDMVSKKLELRLEQTKL
 SYRPRDSN ELVPLSEDSMKDAWGQVKNYCLTLWCENTVGDQGFDPDEPK ESEKAD
 ANNQTTEPQLKKGSQVEALFSYEATQPEDLEFQE GDIILVLSKVNEEWLEGECKGK
 VGIFPKVFVEDCATTDL E 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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UniProt ID

P19878

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