

Recombinant Human NCF1 Protein

Catalog #	Source	Reactivity	Applications
CRP1991	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human NCF1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Val390 is expressed.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM Tris, 1mM DTT, 0.1M NaCl, pH 8.0.		
Gene Symbol	NCF1		
Alternative Names	NOXO2; SH3PXD1A; Neutrophil cytosol factor 1; NCF-1; 47 kDa autosomal chronic granulomatous disease protein; 47 kDa neutrophil oxidase factor; NCF-47K; Neutrophil NADPH oxidase factor 1; Nox organizer 2; Nox-organizing protein 2; SH3 and PX domain-contain		
Entrez Gene	653361 (Human)		
SwissProt	P14598 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MGDTFIRHIA LLGF EKRFVP SQHYVYMFLV KWQDLSEKVV YRRFTEIYEF HKTLKEMFPI</p> <p>EAGAINPENR IIPHLPAKW FDGQRAAENR QGTLTEYCST LMSLPTKISR CPHLLDFFKV</p> <p>RPDDLKLPD NQTKKPETYL MPKDGKSTAT DITGPILQT YRAIANYEKT SGSEMALSTG</p> <p>DVVEVVEKSE SGWWFCQMKA KRGWIPASFL EPLDSPDETE DPEPNYAGEP YVAIKAYTAV</p> <p>EGDEVSLLEG EAVEVIHLL DGWWVIRKDD VTGYFPSMYL QKSGQDVSQA QRQIKRGAPP</p> <p>RRSSIRNAHS IHQRSRKRLS QDAYRRNSVR FLQRRRQAR PGPQSPGSPL EEERQTQRSK</p> <p>PQPAVPPRPS ADLILNRCSE STKRKLASAV EHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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