

Product datasheet for **AR09591PU-N**

NCF1 (1-390, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NCF1 (1-390, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGDTFIRHIA LLGF EKRFVP SQHYVY MFLV KWQDLSEKVV YRRFTEIYEF HKTLKEMFPI EAGAINPENR IIPHLPA PKW FDGQRAAENR QGTLTEYCST LMSLPTKISR CPHLLDFFKV RPDDLKLP TD NQTKKPETYL MPKDGKSTAT DITGP IILQT YRAIANYEKT SGSEMALSTG DVVEVVEKSE SGWWFCQMKA KRGWIPASFL EPLDSPDETE DPEPNYAGEP YVAIKAYTAV EGDEVSLLEG EAVEVIHKLL DGWWVIRKDD VTGYFPSMYL QKSGQDVSQA QRQIKRGAPP RRSSIRNAHS IHQRSRKRLS QDAYRRNSVR FLQRRRQAR PGPQSPGSPL EEERQTQRSK PQPAVPPRPS ADLILNRCSE STKRKLASAV <u>VEHHHHHH</u>
Tag:	His-tag
Predicted MW:	45.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NCF1 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000256
Locus ID:	653361
UniProt ID:	P14598
Cytogenetics:	7q11.23



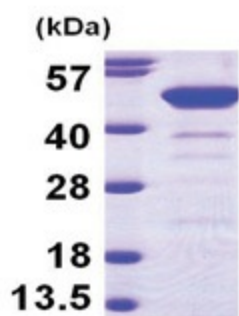
[View online »](#)

Synonyms: CGD1; NCF1A; NOXO2; p47phox; SH3PXD1A

Summary: The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease. [provided by RefSeq, Jul 2008]

Protein Pathways: Chemokine signaling pathway, Fc gamma R-mediated phagocytosis, Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton

Product images:



15% SDS-PAGE (3ug)