9051 Mira Mesa Blvd, #910094
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NCF1 Human

Neutrophil Cytosolic Factor 1 Human Recombinant
RCP1461

Product Overview

Name	NCF1 Human
Description	
Neutrophil Cytosolic Factor 1 Human Recombinant	
Accession (Primary)	P14598
Synonyms	
NCF1A, NOXO2, p47phox, SH3PXD1A .	
Introduction	
NCF1 is a cytosolic subunit protein of neutrophil NADPH oxidase which a Multi-component enzyme that is activates production of superoxide anion. NCF1, along with NCF2 and a membrane bound cytochrome b558, is necessary for activation of the latent NADPH oxidase necessary for superoxide production. Mutations in this NCF1 have been related with chronic granulomatous disease.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
0.5mg/ml solution containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGDTFIRHIA LLGFEKRFVP SQHYVYMFLV KWQDLSEKVV YRRFTEIYEF HKTLKEMFPI EAGAINPENR IIPHLPAPKW FDGQRAAENR QGTLTEYCST LMSLPTKISR CPHLLDFFKV RPDDLKLPTD NQTKKPETYL MPKDGKSTAT DITGPIILQT YRAIANYEKT SGSEMALSTG DVVEVVEKSE SGWWFCQMKA KRGWIPASFL EPLDSPDETE DPEPNYAGEP YVAIKAYTAV EGDEVSLLEG EAVEVIHKLL DGWWVIRKDDVTGYFPSMYL QKSGQDVSQA QRQIKRGAPP RRSSIRNAHS IHQRSRKRLS QDAYRRNSVR FLQQRRRQAR PGPQSPGSPL	

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EEERQTQRSK PQPAVPPRPS ADLILNRCSE STKRKLASAV VEHHHHHH .

Precautions

NCF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14598)