

32-4293: Recombinant Human Neutrophil Cytosolic Factor 1

Alternative Name : NCF1A,NOXO2,p47phox,SH3PXD1A .

Description

Source : Escherichia Coli. NCF1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 398 amino acids (1-390 a.a.) and having a molecular mass of 45.7 kDa. The NCF1 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques. NCF1 is a cytosolic subunit protein of neutrophil NADPH oxidase which aMulti-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.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	0.5mg/ml solution containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol.
Storage condition :	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.
Amino Acid :	MGDTFIRHIA LLGF EKRFVP SQHYVYMFV KWLSEKVV YRRFTEIYEF HKTLKEMFPI EAGAINPENR IIPHLPAKWK FDGQRAAENR QGTLTEYCST LMSLPTKISR CPHLLDFFKV RPDDLKLPD NQTKKPETYL MPKDGKSTAT DITGPILQT YRAIANYEKT SGSEMALSTG DVVEVVEKSE SGWWFCQMKA KRGWIPASFL EPLDSPDETE DPEPNYAGEP YVAIKAYTAV EGDEVSLLEG EAVEVIHLL DGWWVIRKDDVTGYFPSMYL QKSGQDVSQA QRQIKRGAPP RRSSIRNAHS IHQRSRKRLS QDAYRRNSVR FLQRRRQAR PGPQSPGSPL EEERQTRSK PQPAVPPRPS ADLILNRCSE STKRKLASAV VEHHHHHH.