

Neutrophil Cytosolic Factor 1 Human Recombinant

Item Number	rAP-3699
Synonyms	NCF1A, NOXO2, p47phox, SH3PXD1A .
Description	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.
Uniprot Accession Number	P14598
Amino Acid Sequence	MGDTFIRHIA LLGFEKRFVP SQHYVYMFLV KWQDLSEKVV YRRFTEIYEF HKTLKEMFPI EAGAINPENR IIPHLPAKWK FDGQRAAENR QGTLTEYCST LMSLPTKISR CPHLLDFFKV RPDDLKLPD NQTKKPETYL MPKDGKSTAT DITGPILQT YRAIANYEKT SGSEMALSTG DVVEVVEKSE SGWWFCQMKA KRGWIPASFL EPLDSPDETE DPEPNYAGEP YVAIKAYTAV EGDEVSLLEG EAVEVIHKLL DGWWVIRK-DDVTGYFPSMYL QKSGQDVSQA QRQIKRGAPP RRSSIRNAHS IHQRSRKRLS QDAYRRNSVR FLQRRRRQAR PGPQSPGSPL EEERQTQRSK PQPAVPPRPS ADLILNRCSE STKRKLASAV VE-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	0.5mg/ml solution containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**