

Neutrophil Cytosolic Factor 4 Human Recombinant

Item Number	rAP-3698
Synonyms	Neutrophil cytosol factor 4, NCF-4, Neutrophil NADPH oxidase factor 4, SH3 and PX domain-containing protein 4, p40-phox, p40phox, NCF4, SH3PXD4, NCF, SH3PXD4.
Description	NCF4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 359 amino acids (1-339 a.a) and having a molecular mass of 41.1kDa.NCF4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q15080
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAVAQQLRAE SDFEQLPDDV AISANIADIE EKRGFTSHFV FVIEVKTKGG SKYLIYRRYR QFHALQSKLE ERFGPDSKSS ALACTLPTLP AKVYVGVKQE IAEMRIPALN AYMKSLLSLP VVVLMDEDVR IFFYQSPYDS EQVPQALRRL RPRTRKVKSV SPQGNSVDRM AAPRAEALFD FTGNSKLELN FKAGDVIFLL SRINKDWLEG TVRGATGIFP LSFVKILKDF PEEDDPTNWL RCYYIEDTIS TIKDIAVEED LSSTPLLKDL LELTRREFQR EDIALNYRDA EGDVRLLSLSD EDVALMVRQA RGLPSQKRLF PWKLHITQKD NYRVYNTMP.
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	NCF4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT. 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**