

Human NCF1/NOXO2/SH3PXD1A recombinant protein



Catalog Number: 518715

General Information

Gene Name Synonym

NCF-1;47 kDa autosomal chronic granulomatous disease protein/47 kDa neutrophil oxidase factor;NCF-47K;Neutrophil NADPH oxidase factor 1;Nox organizer 2;Nox-organizing protein 2/SH3 and PX domain-containing protein 1A;p47-phox

Protein Construction

A DNA sequence encoding the Human NCF1/NOXO2/SH3PXD1A Met1-Val390 is expressed with a 6His tag at the C-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Formulation

Lyophilized from a $0.2\ \mu\text{m}$ filtered solution of 20mM Tris 100mM NaCl,1mM DTT, pH8.0.

Usage Guide

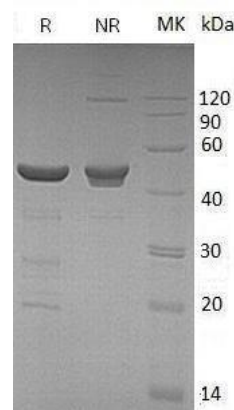
Storage

Lyophilized protein should be stored at $<-20^{\circ}\text{C}$, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100\ \mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE



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