Human NCF2 / NCF-2 / P67phox recombinant protein

Catalog Number: 502505

General Information

Gene Name Synonym

67 kDa neutrophil oxidase factor; NADPH oxidase activator 2; Neutrophil NADPH oxidase factor 2; p67-phox

Protein Construction

A DNA sequence encoding the human NCF2 (AAH01606.1) (Met1-Val526) was expressed and purified with two additional amino acids (Gly & Pro) at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

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

Stability

Samples are stable for up to twelve months from date of receipt at -70℃

Predicted N terminal

Gly

Molecular Mass

The secreted recombinant human NCF2 consists of 528 amino acids and predicts a molecular mass of 59.9 KDa. The apparent molecular mass of the protein is approximately 60 KDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile 20mM Tris, 300mM NaCl, pH 8.0.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

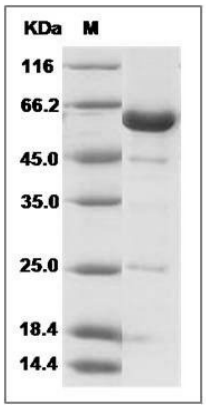
Storage

Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human NCF2 / NCF-2 / P67phox Protein SDS-PAGE