# **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  $\mu g$  of the protein as determined by the LAL method

## **Stability**

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

### 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**

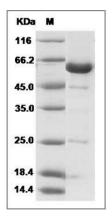
## **Storage**

Store it under sterile conditions at -20°C to -80°C. 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