

## Datasheet for ABIN7317175

### **NCF2 Protein (GST tag,His tag)**



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#### Overview

Quantity:	50 µg
Target:	NCF2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCF2 protein is labelled with GST tag,His tag.

#### Product Details

Purpose:	Recombinant Human NCF2/P67phox Protein (His & GST Tag)
Sequence:	Met 1-Val526
Characteristics:	A DNA sequence encoding the human NCF2 (AAH01606.1) (Met1-Val526) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

#### Target Details

Target:	NCF2
Alternative Name:	NCF2/P67phox ( <a href="#">NCF2 Products</a> )
Background:	Background: NCF2, also known as NCF-2 and p67phox, is a subunit of the multi-protein NADPH oxidase complex. NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase. This oxidase produces a burst of superoxide which is

## Target Details

delivered to the lumen of the neutrophil phagosome. Mutations in NCF2 gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms.

Synonym: NCF-2,NOXA2,P67-PHOX,P67PHOX

Molecular Weight: 87.6 kDa

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.