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Datasheet for ABIN7317174 NCF2 Protein

Overview

Quantity:	100 µg
Target:	NCF2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human NCF2/P67phox Protein
Sequence:	Met 1-Val526
Characteristics:	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.
Purity:	> 85 % 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 (NCF2 Products)
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 delivered to the lumen of the neutrophil phagosome. Mutations in NCF2 gene, as well as in

Target Details

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: 59.9 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, 300 mM NaCl, pH 8.0

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.