

Recombinant Human Neutrophil cytosol factor 1/NCF1 Protein

RPCB0130

Protein Information

Size:	10 µg , 50 µg	Tag:	C-His
Reactivity:	Human	Expressed Host:	-
Calculated MW:	45.6 kDa	Observed MW:	45-50 kDa

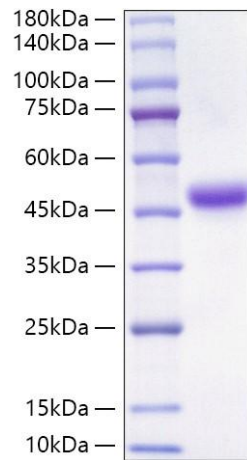
Background

NCF1 is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This protein is essential for activation of the NADPH oxidase complex, which is essential for superoxide production. It cooperates with NCF2 to form a core association in the complex, interacting with NCF4, CYBB and CYBA. Mutations in the NCF1 gene have been associated with chronic granulomatous disease.

Properties

Synonyms:	NCF1, NOXO2, SH3PXD1A, NCF-47K, NCF-1, p47-phox, Nox organizer 2, Neutrophil cytosol factor 1, Neutrophil NADPH oxidase factor 1, 47 kDa neutrophil oxidase factor, 47 kDa autosomal chronic granulomatous disease protein
Gene ID:	653361
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Neutrophil cytosol factor 1/NCF1 Protein (RPCB0130), tested reactivity in E.coli and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Human Neutrophil cytosol factor 1/NCF1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.