

Full-Length

NCF1 (Human) Recombinant Protein (P01)

Catalog # H00653361-P01

Size 50 ug

Specification

Product Description	Human NCF1 full-length ORF (ABM84076.1, 1 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGDTFIRHIALLGFEKRFVPSQHYVYVFLVKWQDLSEKVVYRRFTEYEFHKTLEKEMFPIEAGAINP ENRIIPHLPAKWFWDGQRAAENRQGTLEYCSTLMSLPTKISRCPHLLDFFKVRPDDLKLPTDNQT KKPETYLMPKDGKSTATDITGPILQTYRAIANYEKTSGSEMALSTGDVVEVVEKSESGWWFCQMK AKRGWIPASFLEPLDSPDETEDPEPNYAGEPYVAIKAYTAVEGDEVSLLEGEAVEVIHKLLDGWW VIRKDDVTGYFPSMYLQKSGQDVSAQRQIKRGAPPRRSSIRNAHSIHQSRKRLSQDAYRRNSV RFLQQRRRQARPGPQSPGSPLEERQTQRSKPQPAVPPRPSADLILNRCSESTKRKLASAV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	69.3
Interspecies Antigen Sequence	Mouse (80); Rat (82)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — NCF1

Entrez GeneID [653361](#)

GeneBank Accession# [DQ893150.2](#)

Protein Accession# [ABM84076.1](#)

Gene Name NCF1

Gene Alias FLJ79451, NCF1A, NOXO2, SH3PXD1A, p47phox

Gene Description neutrophil cytosolic factor 1

Omim ID [233700 608512](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease. [provided by RefSeq]

Other Designations NADPH oxidase organizer 2

Pathway

- [Chemokine signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cerebral Infarction](#)

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Granulomatous Disease](#)
- [Lung Diseases](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Mycobacterium Infections](#)
- [Pneumonia](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Tuberculosis](#)