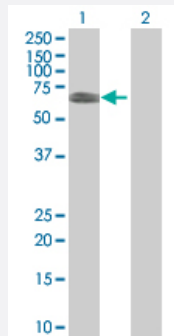


NCF2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004688-T01

Size 100 uL

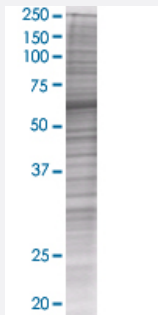
Applications



Western Blot

Lane 1: NCF2 transfected lysate (57.86 kDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

NCF2 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NCF2 full-length
Host	Human
Theoretical MW (kDa)	57.97
Interspecies Antigen Sequence	Mouse (85); Rat (73)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NCF2 antibody ([H00004688-B01](#)) by Western Blots.
 Western Blot
 Lane 1: NCF2 transfected lysate (57.86 KDa)
 Lane 2: Non-transfected lysate.
 SDS-PAGE Gel
 NCF2 transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NCF2

Entrez GeneID

[4688](#)

GeneBank Accession#

[BC001606](#)

Protein Accession#

[AAH01606](#)

Gene Name

NCF2

Gene Alias

FLJ93058, NCF-2, NOXA2, P67-PHOX, P67PHOX

Gene Description

neutrophil cytosolic factor 2

Omim ID

[233710 608515](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this 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. Alternative splicing results in two transcript variants that encode the same protein. [provided by RefSeq]

Other Designations

67 kDa neutrophil oxidase factor|NADPH oxidase activator 2|OTTHUMP00000033269|OTTHUMP00000033270|chronic granulomatous disease, autosomal 2|neutrophil cytosol factor 2|neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2)

Pathway

- [Leukocyte transendothelial migration](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Infant](#)
- [Leukemia](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mycobacterium Infections](#)

- [Occupational Diseases](#)
- [Pneumonia](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)