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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NCF4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004689-T02

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

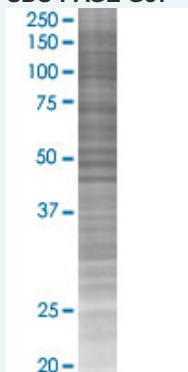
Plasmid: pCMV-NCF4 full-length

Host: Human

Theoretical MW (kDa): 39

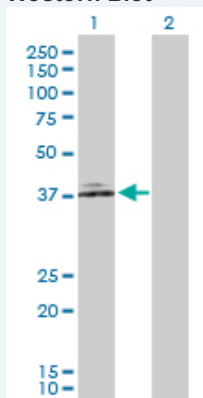
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-NCF4 antibody (H00004689-D01P) by Western Blots.

SDS-PAGE Gel



NCF4 transfected lysate.

Western Blot



Lane 1: NCF4 transfected lysate (39.00 KDa)

Lane 2: Non-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.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [4689](#)

GeneBank [NM_000631](#)
Accession#:

Protein [NP_000622.2](#)
Accession#:

Gene Name: NCF4

Gene Alias: MGC3810,NCF,P40PHOX,SH3PXD4

Gene Description: neutrophil cytosolic factor 4, 40kDa

Omim ID: [601488](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a cytosolic regulatory component of the superoxide-producing phagocyte NADPH-oxidase, a multicomponent enzyme system important for host defense. This protein is preferentially expressed in cells of myeloid lineage. It interacts primarily with neutrophil cytosolic factor 2 (NCF2/p67-phox) to form a complex with neutrophil cytosolic factor 1 (NCF1/p47-phox), which further interacts with the small G protein RAC1 and translocates to the membrane upon cell stimulation. This complex then activates flavocytochrome b, the membrane-integrated catalytic core of the enzyme system. The PX domain of this protein can bind phospholipid products of the PI(3) kinase, which suggests its role in PI(3) kinase-mediated signaling events. The phosphorylation of this protein was found to negatively regulate the enzyme activity. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations: OTTHUMP00000028736,OTTHUMP00000043756,neutrophil NADPH oxidase factor 4,neutrophil cytosol factor 4,neutrophil cytosolic factor 4

Gene Pathway

[Leukocyte transendothelial migration](#)

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