

Datasheet for ABIN7549650
NCF2 Protein (AA 1-526) (His tag)



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Overview

Quantity:	1 mg
Target:	NCF2
Protein Characteristics:	AA 1-526
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCF2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NCF2 Protein expressed in mammalian cells.
Sequence:	<p>MSLVEAISLW NEGVLAADKK DWKGALDAFS AVQDPHSRIC FNIGCMYITL KNMTEAEKAF</p> <p>TRSINRDKHL AVAYFQRGML YYQTEKYDLA IKDLKEALIQ LRGNQLIDYK ILGLQFKLFA</p> <p>CEVLYNIAFM YAKKEEWKKA EEQLALATSM KSEPRHSKID KAMECVWKQK LYEPVVIPVG</p> <p>KLFRPNERQV AQLAKKDYLG KATVVASVVD QDSFSGFAPL QPQAAEPPPR PKTPEIFRAL</p> <p>EGEAHRVLFV FVPETKEELQ VM PGNIVFVL KKGNDNWATV MFNGQKGLVP CNYLEPVELR</p> <p>IHPQQQPQEE SSPQSDIPAP PSSKAPGRPQ LSPGQKQKEE PKEVKLSVPM PYTLKVHYKY</p> <p>TVVMKTQPGL PYSQVRDMVS KKLELRLEHT KLSYRPRDSN ELVPLSEDSM KDAWGQVKNY</p> <p>CLTLWCENTV GDQGFDPDEPK ESEKADANNQ TTEPQLKKGS QVEALFSYEA TQPEDLEFQE</p> <p>GDIILVLSKV NEEWLEGECK GKVGIFFPKVF VEDCATTDLE STRREV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special</p>

Product Details

request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

NCF2

Alternative Name:

NCF2 ([NCF2 Products](#))

Background:

Neutrophil cytosol factor 2 (NCF-2) (67 kDa neutrophil oxidase factor) (NADPH oxidase activator 2) (Neutrophil NADPH oxidase factor 2) (p67-phox), FUNCTION: NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production). {ECO:0000269|PubMed:12207919}.

Molecular Weight:

59.8 kDa

UniProt:

[P19878](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months