

Datasheet for ABIN7562441

## NFKBIE Protein (AA 1-364) (His tag)



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### Overview

Quantity:	1 mg
Target:	NFKBIE
Protein Characteristics:	AA 1-364
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFKBIE protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Nfkbie Protein expressed in mammalien cells.
Sequence:	<p>MSDARKGPDE ADDSQCDSGI ESLRSLRSLP EPTAAPGSGS SQSGCPQPWR HAPETHKEPE            KEDADGERAD STYASSSLTE SFPLLERPEA KDPSPAPGS PLPPAGVLSP QQLEALTYIS            EDGDTLLHLA VIHEAPSVLF CCLAFLPQEV LDIQNNLYQT ALHLAVHLDQ PDVVRLVLK            GASRILQDQH GDTALHVACR RQNLACACCL LEEQPEPGRQ LSHPLDLQLK NWQGLACLHI            ATLQRNQPLI ELLLQNGADI DVQEGTSGKT ALHLAVETQE RSLVQFLLQA GARVDARMLN            GCTPLHLAAG RGLNSISSTL CEAGADSLLL NVEDETPQDL AEDLLSYLPF DDLKISGKPL LCTD</p> <p><b>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 request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

- 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: NFKBIE

Alternative Name: Nfkbie ([NFKBIE Products](#))

Background: NF-kappa-B inhibitor epsilon (NF-kappa-BIE) (I-kappa-B-epsilon) (IκB-E) (IκB-epsilon) (IkappaBepsilon),FUNCTION: Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. Inhibits DNA-binding of NF-kappa-B p50-p65 and p50-c-Rel complexes (By similarity). {ECO:0000250}.

Molecular Weight: 39.2 kDa

UniProt: [O54910](#)

Pathways: [NF-kappaB Signaling, Maintenance of Protein Location](#)

## 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.

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