

Datasheet for ABIN7557613
NFKBIB Protein (AA 1-359) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NFKBIB
Protein Characteristics:	AA 1-359
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFKBIB protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nfkbib Protein expressed in mammalien cells.
Sequence:	<p>MAGVACLGKT ADADEWCDSG LGS LGPDAAA PGGPGLGAEL GPELSWAPLV FGYVTEDGDT ALHLAVIHQH EPFLDFLLGF SAGTEYLDLQ NDLGQTALHL AAILGEASTV EKLYAAGAGV LVAERGGHTA LHLACRVRAH TCACVLLQPR PSHPRDASDT YLTQSQDCTP DTSHAPAAVD SQPNPENEEE PRDEDWRLQL EAENYDGHTP LHVAVIHKDA EMVRLLRDAG ADLNKPEPTC GRTPLHLAVE AQAASVLELL LKAGADPTAR MYGGRTPLGS ALLRPNPILA RLLRAHGAPE PEDEDDKLSP CSSSGSDSDS DNRDEGDEYD DIVVHSGRSQ NRQPPSPASK PLPDDPNPA</p> <p>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.</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: NFKBIB

Alternative Name: Nfkbib ([NFKBIB Products](#))

Background: NF-kappa-B inhibitor beta (NF-kappa-BIB) (I-kappa-B-beta) (IκB-B) (IκB-beta) (IκappaBbeta),FUNCTION: Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation.

Molecular Weight: 38.0 kDa

UniProt: [Q60778](#)

Pathways: [NF-kappaB Signaling](#), [Activation of Innate immune Response](#), [Maintenance of Protein Location](#), [Toll-Like Receptors Cascades](#)

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.
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Restrictions:	For Research Use only
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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