

Datasheet for ABIN7557009

NFKBID Protein (AA 1-327) (His tag)



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Overview

Quantity:	1 mg
Target:	NFKBID
Protein Characteristics:	AA 1-327
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFKBID protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nfkbid Protein expressed in mammalien cells.
Sequence:	<p>MEDSLDTRLY PEPSSLQVGS WRVSSLPSGS PQLPSPTGPS LETARAHILA LGPQQLLAQD EEGDTLLHLF AAGLRWAAY AAAEVLQMYR QLDIREHKGK TPLLVAAAAN QPLIVEDLLS LGAEPNATDH QGRSVLHVAA TYGLPGVLSA VFKSGIQVDL EARDFEGLTP LHTAVLALNA AMLPASVCPR MQNSQARDRL TCVQMLLQMG ASHTSQEIKS NKTILHLAVQ AANPTLVQLL LGLPRGDLRA FVNMKAHGNT ALHMAAALPP GPPQEIVRH LLAAGADPTL RNLENEQPVH LLRPGPGPEG LRQLLKRSRT APPGLSS</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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	NFKBID
Alternative Name:	Nfkbid (NFKBID Products)
Background:	NF-kappa-B inhibitor delta (I-kappa-B-delta) (Ikb-delta) (IkappaBdelta) (IkappaBNS),FUNCTION: Regulates the expression of IL-2, IL-6, and other cytokines through regulation on NF-kappa-B activity. Functions in the regulation of inflammatory responses (PubMed:11931770, PubMed:15749903, PubMed:16410444, PubMed:16413922, PubMed:17641034). Involved in the induction of T helper 17 cells (Th17) differentiation upon recognition of antigen by T cell antigen receptor (TCR) (PubMed:25282160). According to PubMed:11931770, it may also regulate TCR-induced negative selection of thymocytes (PubMed:11931770). {ECO:0000269 PubMed:11931770, ECO:0000269 PubMed:15749903, ECO:0000269 PubMed:16410444, ECO:0000269 PubMed:16413922, ECO:0000269 PubMed:17641034, ECO:0000269 PubMed:25282160}.
Molecular Weight:	34.9 kDa
UniProt:	Q2TB02

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