

## Recombinant Human NFKBID, His-tagged

Cat. No. NFKBID-2305H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NFKBID protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	336aa
<b>Description</b>	NF-kappa-B inhibitor delta, also known as NFKBID, is a member of the IκB family of proteins can be divided into four groups (IκB-alpha, IκB-beta, IκB-gamma, IκB-epsilon). NFKBID plays a role in the regulation of both inflammatory responses and cytokine, IL-2 and IL-6 expression via NFκB activity. Existing as three alternatively spliced isoforms, NFKBID associates with RelB, NFκB p50 and NFκB p65 in nucleus, and is thought to assist in thymocyte selection in response to TCR induction.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
<b>Molecular Mass</b>	35.9 kDa
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMEAGPWR VSAPPSGPPQ FPAVVPGPSL EVARAHMLAL GPQQLLAQDE EGDLLHLFA ARGLRWAAAYAAAQVLYR LDIREHKGKT PLLVAAAANQ PLIVEDLLNL GAEPNAADHQ GRSVLHVAAT YGLPGVLLAV LNSGVQVDLE ARDFEGLTPL HTAILALNVA MRPSDLCPRV

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LSTQARDRLD CVHMLLQMGA NHTSQEIKSN KTVLHLAVQA ANPTLVQLL  
 ELPRGDLRTF VNMKAHGNTALHMAAALPPG PAQEAIVRHL LAAGADPTLR  
 NLENEQPVHL LRPGGPPEGL RQLLKRSRVA PPGLSS

**Purity** >95% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml

## GENE INFORMATION

**Gene Name** NFKBID nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, delta [ Homo sapiens ]

**Official Symbol** NFKBID

**Synonyms** TA-NFKBH; IkappaBNS; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, delta; 15671; Ensembl:ENSG00000167604; MGC11314, MGC149503; NF-kappa-B inhibitor delta;ikB-delta;ikappaBdelta;l-kappa-B-delta;T-cell activation NFKB-like protein;

**Gene ID** 84807

**mRNA Refseq** NM\_139239.1

**Protein Refseq** NP\_640332.1

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<b>UniProt ID</b>	Q8NI38
<b>Chromosome Location</b>	19q13.12
<b>Function</b>	NF-kappaB binding;

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