Recombinant Human NFKBID, His-tagged

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

SPECIFICATION

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

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	LSTQARDRLD CVHMLLQMGA NHTSQEIKSN KTVLHLAVQA ANPTLVQLLL ELPRGDLRTF VNMKAHGNTALHMAAALPPG PAQEAIVRHL LAAGADPTLR NLENEQPVHL LRPGPGPEGL 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;I-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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UniProt ID	Q8NI38
Chromosome Location	19q13.12
Function	NF-kappaB binding;

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