

NFKBID, 1-313aa, Human, His tag, E.coli

Cat.NO.: TP03150

3th Edition

Synonyms:NF-kappa-B inhibitor delta, IkappaBNS, TA-NFKBH

Description:NF-kappa-B inhibitor delta, also known as NFKBID, is a member of the I κ B family of proteins can be divided into four groups (I κ B-alpha, I κ B-beta, I κ B-gamma, I κ B-epsilon). NFKBID plays a role in the regulation of both inflammatory responses and cytokine, IL-2 and IL-6 expression via NF κ B activity. Existing as three alternatively spliced isoforms, NFKBID associates with RelB, NF κ B p50 and NF κ B p65 in nucleus, and is thought to assist in thymocyte selection in response to TCR induction. Recombinant human NFKBID protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:35.9 kDa (336aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMEAGPWRVSAPPSGPPQFPAVVPGPSLEVARAHMLALGPQQLLAQDEEG
DTLLHLFAARGLRWAAYAAAEVLQVYRRLDIREHKGKTPLLVAAAANQPLIVEDLLNLGAEPNAADHQGRSVLHVAA
TYGLPGVLLAVLNSGVQVDLEARDFEGLTPLHTAILALNVAMRPSDLCPRVLSTQARDRLDCVHMLLQMGANHTSQ
EIKSNKTVLHLAVQAANPTLVQLLLELPRGDLRTFVNMKAHGNTALHMAAALPPGPAQEAIVRHLLAAGADPTLRNL
ENEQPVHLLRPGPGPEGLRQLLKRSRVAPPGLSS

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.