

Recombinant human NFKBID protein

Catalog Number: ATGP2305

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-313aa

UniProt No.

Q8NI38

NCBI Accession No.

NP_640332.1

Alternative Names

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

PRODUCT SPECIFICATION

Molecular Weight

35.9 kDa (336aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MEAGPWR VSAPPSGPPQ FPAVVGPSL EVARAHMLAL GPQQLLAQDE
EGDTLLHLFA ARGLRWAAYA AAEVLQVYRR LDIREHKGKT PLLVAAAANQ PLIVEDLLNL GAEPNAADHQ GRSVLHVAAT
YGLPGVLLAV LNSGVQVDLE ARDFEGLTPL HTAILALNVA MRPSDLCPRV LSTQARDRLD CVHMMLQMGA NHTSQEIKSN
KTVLHLAVQA ANPTLVQLL ELPRGDLRTF VNMKAHGNTA LHMAAALPPG PAQEIVRHL LAAGADPTLR NLENEQPVHL
LRPGPGPEGL RQLLKRSRVA PPGGLSS

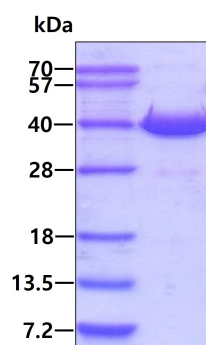
General References

Wand L., et al. (2000) Clin Cancer Res. 6:2988-2993.

Trowsdale J., et al. (2001) Immunol Rev. 181:20-38.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.