

32-4314: Recombinant Human NF-kappa-B Inhibitor Delta

Alternative Name : NF-kappa-B inhibitor delta,I-kappa-B-delta,IkB-delta,IkappaBdelta,IkappaBNS,T-cell activation NFKB-like protein,TA-NFKBH,NFKBID,IKBNS.

Description

Source : Escherichia Coli. NFKBID Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (1-313) and having a molecular mass of 35.9 kDa.NFKBID is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NFKBID belongs to the IκB family of proteins which contains four groups (IκB-alpha, IκB-beta, IκB-gamma, IκB-epsilon). NFKBID takes part in regulating inflammatory responses and cytokine, IL-2 and IL-6 expression through NFκB activity. NFKBID has 3 known alternative spliced isoforms, and is associated with RelB, NFB p50 and NFκB p65 in nucleus. NFKBID is involved in thymocyte selection in response to TCR induction.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The NFKBID solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSSLVPRGSH MGSMEAGPWR VSAPPSGPPQ FPAVVPGPSL EVARAHMLAL
 GPQQLLAQDE EGDTELLHLFA ARGLRWAAYA AAEVLQVYRR LDIREHKGKT PLLVAAAANQ PLIVEDLLNL
 GAEPNAADHQ GRSVLHVAAT YGLPGVLLAV LNSGVQVDLE ARDFEGLTPL HTAILALNVA MRPSDLCPRV
 LSTQARDRLD CVHMLLQMG A NHTSQEIKSN KTVLHLAVQA ANPTLVQLLL ELPRGDLRTF VNMKAHGNTA
 LHMAAALPPG PAQEIVRHL LAAGADPTLR NLENEQPVHL LRPGPPEGL RQLLKRSRVA PPGLSS.

