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32-4312: Recombinant Human NF-kappa-B Inhibitor Alpha

Alternative Name :	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor alpha,nuclear factor of kappa light chain gene enhancer in B-cells,IKBA,I-kappa-B-alpha,IkappaBalpha,ikB-alpha,NFKBI,MAD-3,Major histocompatibility complex enhancer-

Description

Source : E.coli. NFKBIA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-317) and having a molecular mass of 37.7 kDa.NFKBIA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NFKBIA belongs to the I-kappa-B family of proteins which is separated into four groups (IkB-a, IkB-b, IkB-g, IkB-e). NFKBIA inhibits the NFkB complex by binding and impounding it in the cytoplasm. When stimulated, NFKBIA is phosphorylated on serine residues targeting it for degradation by the ubiquitin pathway.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The NFKBIA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol.
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 SSGLVPRGSH MFQAAERPQE WAMEGPRDGL KKERLLDDRH DSGLDSMKDE EYEQMVKELQ EIRLEPQEVP RGSEPWKQQL TEDGDSFLHL AIIHEEKALT MEVIRQVKGD LAFLNFQNNL QQTPLHLAVI TNQPEIAEAL LGAGCDPELR DFRGNTPLHL ACEQGCLASV GVLTQSCTTP HLHSILKATN YNGHTCLHLA SIHGYLGIVE LLVSLGADVN AQEPCNGRTA LHLAVDLQNP DLVSLLLKCG ADVNRVTYQG YSPYQLTWGR PSTRIQQQLG QLTLENLQML PESEDEESYD TESEFTEFTE DELPYDDCVF GGQRLTL

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