

## NF-kappa-B Inhibitor Alpha Human Recombinant

<b>Item Number</b>	rAP-3704
<b>Synonyms</b>	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-bindi
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P25963
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MFQAAERPQE WAMEGPRDGL KKERLLDDRH DSGLD SMKDE EYEQMVKELQ EIRLEPQEV P RGSEPWKQQL TEDGDSFLHL AIIHEEKALT MEVIRQVKGD LAFLNFQNNL QQTPLHLAVI TNQPEIAEAL LGAGCDPELR DFRGNTPLHL ACEQGCLASV GVLTSCTTP HLHSILKATN YNGHTCLHLA SIHG YLGIVE LLVSLGADVN AQEPCNGRTA LHLAVDLQNP DLVSLLLKCG ADVNRVTYQG YSPYQLTWGR PSTRIQQQLG QLTLENLQML PESEDEESYD TESEFTEFTE DELPYDDCVF GGQRLTL
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The NFKBIA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**