9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NFKBIA Human

NF-kappa-B Inhibitor Alpha Human Recombinant
RCP1487

Product Overview

Name	NFKBIA Human
Description	
NF-kappa-B Inhibitor Alpha Human Recombinant	
Accession (Primary)	P25963
Synonyms	
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-binding protein MAD3, NF-kappa-B inhibitor alpha.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The NFKBIA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
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	

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PSTRIQQQLG QLTLENLQML PESEDEESYD TESEFTEFTE DELPYDDCVF GGQRLTL

Precautions

NFKBIA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P25963)