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NFKBIB Human

NF-kappa-B Inhibitor Beta Human Recombinant
RCP1488

Product Overview

Name	NFKBIB Human
Description	
NF-kappa-B Inhibitor Beta Human Recombinant	
Accession (Primary)	Q15653
Synonyms	
NF-kappa-B inhibitor beta, NF-kappa-BIB, I-kappa-B-beta, IkB-B, IkB-beta, IkappaBbeta, Thyroid receptor-interacting protein 9, TR-interacting protein 9, TRIP-9, NFKBIB, IKBB, TRIP9.	
Introduction	
NF-kappa-B inhibitor beta (NFKBIB) is a member of the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thus allowing activation of the NF-kappa-B, which translocates to the nucleus to act as a transcription factor.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
NFKBIB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.	
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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAGVAC LGKAADADEW CDSGLGSLGP DAAAPGGPGL GAELGPGLSW APLVFGYVTE DGDTALHLAV IHQHEPFLDF LLGFSAGTEY MDLQNDLGQT ALHLAAILGE TSTVEKLYAA GAGLCVAERR GHTALHLACR VGAHACARAL LQPRPRRPRE APDTYLAQGP DRTPDTNHTP VALYPDSDLE KEEEESEEDW KLQLEAENYE GHTPLHVAVI HKDVEMVRLL RDAGADLDKP EPTCGRSPLH LAVEAQAADV	

LELLLRAGAN PAARMYGGRT PLGSAMLRPN PILARLLRAH GAPEPEGEDE KSGPCSSSSD SDSGDEGDEY DDIVVHSSRS QTRLPPTPAS KPLPDDPRPV.

Precautions

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

Target Information: (Q15653)