

NFKBIB, 1-356aa, Human, His tag, E.coli

Cat.NO.: TP03149

3th Edition

Synonyms:NF-kappa-B inhibitor beta, IKBB, TRIP9.

Description:NFKBIB, also known as NF-kappa-B inhibitor beta, belongs to 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, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

Molecular Weight:40.3 kDa (380aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMAGVACLGKAADADEWCDSGLGSLGPDAAAPGGPGLGAELGPGLSWAP
LVFGYVTEGDGTALHLAVIHQHEPFLDFLLGFSAGTEYMDLQNDLGQTALHLAAILGETSTVEKLYAAGAGLCVAER
RGHTALHLACRVGAHACARALLQPRRRPREAPDTYLAQGPDRTPDTNHTPVALYPSDLEKEEEESEEDWKLQL
EAENYEGHTPLHVAVIHKDVEMVRLLRDAGADLDKPEPTCGRSPLHLAVEAQAADVLELLL RAGANPAARMYGGR
TPLGSAMLRPNPILARLLRAHGAPEPEGEDEKSGPCSSSSSDSDSGDEGDEYDDIVVHSSRSQTRL PPTPASKPLPD
DPRPV

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.