

NFKBIA, 1-317aa, Human, His tag, E.coli

Cat.NO.: TP03148

3th Edition

Synonyms:NF-kappa-B inhibitor alpha, IKBA, MAD-3, NFKBI.

Description:NF-kappa-B inhibitor alpha, also known as NFKBIA, is members of the I β B family of proteins can be divided into four groups (I β B-?, I β B-?, I β B-?, I β B-?). NFKBIA inhibits the NF κ B complex by binding and sequestering it in the cytoplasm. Upon stimulation, NFKBIA is phosphorylated on serine residues marking it for degradation by the ubiquitin pathway.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl

Molecular Weight:37.7 kDa (337aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMFQAAERPQEWAMEGPRDGLKKERLLDDRHSGLDSMKDEEYEQMVKELQEIR
LEPQEVPRGSEPWKQQLTEDGDSFLHLAIHHEEKALTMVIRQVKGDLAFLNFQNNLQQTPLHLAVITNQPEIAEALL
GAGCDPELRDFRGNTPHLACEQGCLASVGLTQSCCTPHLHSILKATNYNGHTCLHLASIHGYLGIVELLVSLGAD
VNAQEPNGRTALHLAVDLQNPDLVSLLLKCGADVNRVTYQGYSPYQLTWGRPSTRIQQQLGQLTLENLQMLPES
EDEESYDTESEFTEFTEDELPHYDDCVFVGGQRLTL

Purity:> 95% by HPLC

Concentration:0.5 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.