

Product datasheet for **AR50086PU-N**

NFKBIA / IKBA (1-317, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NFKBIA / IKBA (1-317, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MFQAAERPQE WAMEGPRDGL KKERLLDDRHS DGLDSMKDE EYEQMVKELQ EIRLEPQEVPRGSEPWKQQL TEDGDSFLHL AIIHEEKALT MEVIRQVKGD LAFLNFQNNL QQTPLHLAVI TNQPEIAEAL LGAGCDPELR DFRGNTPLHL ACEQGCLASV GVLTQSCTTP HLHSILKATN YNGHTCLHLA SIHGYLGIVE LLVSLGADVN AQEPCNGRTA LHLAVDLQNP DLVSLLLKCG ADVNRVTYQG YSPYQLTWGR PSTRIQQQLG QLTLENLQML PESEDEESYD TESEFTEFTE DELPYDDCVF GGQRLTL
Tag:	His-tag
Predicted MW:	37.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NFKBIA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_065390
Locus ID:	4792
UniProt ID:	P25963
Cytogenetics:	14q13.2
Synonyms:	I-kappa-B-alpha, MAD3, NFKBI, I kappa B-alpha, IkappaBalpaha, Ikb-alpha


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Summary:

This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011]

Protein Families:

Druggable Genome

Protein Pathways:

Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

Product images:
