

## Product datasheet for **AR50086PU-S**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	NFKBIA / IKBA (1-317, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MFQAAERPQE WAMEGPRDGL KKERLLDDRH DSGLDSMKDE EYEQMVKELQ EIRLEPQEVV RGSEPWKQQL TEDGDSFLHL AIIHEEKALT MEVIRQVKGD LAFLNFQNNL QQTPLHLAVI TNQPEIAEAL LGAGCDPELR DFRGNTPLHL ACEQGCLASV GVLTSCTTP HLHSILKATN YNGHTCLHLA SIHGYLEGIVE LLVSLGADV N AQEPCNGRTA LHLAVDLQNP DLVSLLLKCG ADVNRVTYQG YSPYQLTWGR PSTRIQQQLG QLTLLENLQML 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:	<a href="#">NP_065390</a>
Locus ID:	4792
UniProt ID:	<a href="#">P25963</a>
Cytogenetics:	14q13.2
Synonyms:	EDAID2; IKBA; MAD-3; NFKBI



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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:**