

Product datasheet for **AR50253PU-N**

NFKBIB / IKBB (1-356, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NFKBIB / IKBB (1-356, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMAGVAC LGKAADADEW CDSGLGSLGP DAAAPGGPGL GAELGPGLSW APLVFGYVTE DGDTALHLAV IHQHEPFLDF LLGFSAGTEY MDLQNDLGQT ALHLAAILGE TSTVEKLYAA GAGLCVAERR GHTALHLACR VGAHACARAL LQPRRRPRE APDTYLAQGP DRTPDTNHTP VALYPDSLE KEEEESEEDW KLQLEAENYE GHTPLHVAVI HKDVEMVRLR RDAGADLDKP EPTCGRSPLH LAVEAQAADV LELLLRAGAN PAARMYGGRT PLGSAMLRPN PILARLLRAH GAPEPEGEDE KSGPCSSSSD SDSGDEGDEY DDIVVHSSRS QTRLPPTPAS KPLPDDPRPV
Tag:	His-tag
Predicted MW:	40.3 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 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NFKBIB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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_001230045
Locus ID:	4793
UniProt ID:	Q15653 , G5E9C2
Cytogenetics:	19q13.2



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Synonyms: IKBB; TRIP9

Summary: The protein encoded by this gene 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. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jul 2011]

Protein Families: Stem cell - Pluripotency, Transcription Factors

Protein Pathways: Adipocytokine signaling pathway, B cell receptor signaling pathway, Chemokine signaling pathway, Cytosolic DNA-sensing pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, RIG-I-like receptor signaling pathway, T cell receptor signaling pathway