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Product datasheet for AR50237PU-N

NKIRAS1 (1-192, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NKIRAS1 (1-192, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGKGCKVVVC GLLSVGKTAI LEQLLYGNHT IGMEDCETME DVYMASVETD RGVKEQLHLY DTRGLQEGVE LPKHYFSFAD GFVLVYSVNN LESFQRVELL KKEIDKFKDK KEVAIVVLGN KIDLSEQRQV DAEVAQQWAK SEKVRLWEVT VTDRKTLIEP FTLLASKLSQ PQSKSSFPLP GRKNKGNSNS EN
Tag:	His-tag
Predicted MW:	23.8 kDa
Concentration:	lot specific
Purity:	>95% 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 NKIRAS1 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_065078
Locus ID:	28512
UniProt ID:	Q9NYS0
Cytogenetics:	3p24.2
Synonyms:	kappaB-Ras1; KBRAS1

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Summary: Atypical Ras-like protein that acts as a potent regulator of NF-kappa-B activity by preventing the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, explaining why NFKBIB is more resistant to degradation. May act by blocking phosphorylation of NFKBIB and mediating cytoplasmic retention of p65/RELA NF-kappa-B subunit. It is unclear whether it acts as a GTPase. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB. [UniProtKB/Swiss-Prot Function]