

## Product datasheet for **AR50237PU-S**

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

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	NKIRAS1 (1-192, His-tag) human recombinant protein, 10 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGKGCKWVC GLLSVGKTAI LEQLLYGNHT IGMEDCETME DVYMASVETD RGVKEQLHLY DTRGLQEGVE LPKHYFSFAD GFVLVYSVNN LESFQRVELL KKEIDKFKDK KEVAIVVLGN KIDLSEQRQV DAEVAQQWAK SEKVRLEWVT VTDRKTLEIP FTLLASKLSQ PQSKSSFPLP GRKNKGNSNS EN
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	23.8 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human NKIRAS1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_065078</a>
<b>Locus ID:</b>	28512
<b>UniProt ID:</b>	<a href="#">Q9NYS0</a>
<b>Cytogenetics:</b>	3p24.2
<b>Synonyms:</b>	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]