

Product datasheet for **AR50343PU-S**

NKIRAS2 (1-191, His-tag) Human Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | NKIRAS2 (1-191, His-tag) human recombinant protein, 50 µg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSHEMGKSCK VVCGQASVG KTSILEQLLY GNHVVGSEMI ETQEDIYVGS IETDRGVREQ VRFYDTRGLR DGAELPRHCF SCTDGYVLVY STDSRESFQR VELLKKEIDK SKDKKEVTIV VLGKNCDLQE QRRVDPDVAQ HWAKSEKVKL WEVSVADRRS LLEPFVYLAS KMTQPQSKSA FPLSRKNKGS GSLDG |
| Tag: | His-tag |
| Predicted MW: | 24.0 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, 10% glycerol, 0.1M NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human NKIRAS2 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_001001349 |
| Locus ID: | 28511 |
| UniProt ID: | Q9NYR9 , A0A024R1Z4 |
| Cytogenetics: | 17q21.2 |
| Synonyms: | kappaB-Ras2; KBRAS2 |



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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 nuclear localization 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 (By similarity).
[UniProtKB/Swiss-Prot Function]

Product images: