

NKIRAS2 recombinant protein

NKIRAS2, 1-191aa, Human, His tag, E Coli

CATALOG # AAA48769	HOST E Coli	APPLICATIONS SDS-Page
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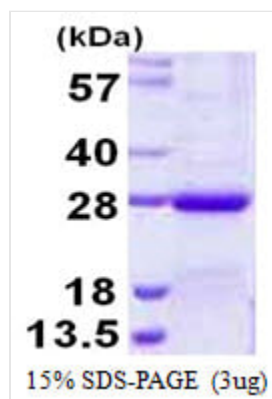
PRODUCT SYNONYMS

NKIRAS2; 1-191aa; Human; His tag; E Coli; NFKB inhibitor interacting Ras-like 2; kappaB-Ras2; KBRAS2; NKIRAS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSHMGKSCK VVVCQGASVG KTSILEQLLY GNHVVGSEMI ETQEDIYVGS IETDRGVREQ VRFYDTRGLR DGAELPRHCF SCTDGYVLVY STDSRESFQR VELLKKEIDK SKDKKEVTIV VLGNKCDLQE QRRVDPDVAQ HWAKSEKVKL WEVSVADRRS LLEPFVYLAS KMTQPQSKSA FPLSRKNKGS GSLDG
Sequence Length	191
Applicable Applications for NKIRAS2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NKIRAS2 recombinant protein	NFKB inhibitor interacting Ras-like 2 (NKIRAS2), also known as KBRAS2, is similar to the Ras-like small GTPases that associate with IkappaB. These Ras-like proteins, NKIRAS1 and NKIRAS2, interact with the PEST domains of IkB alpha and IkB beta and decrease their rate of degradation. NKIRAS2 shows 71% identity to KBRAS1. NKIRAS2 is an inhibitor of the transcription factor NF-kappaB. Recombinant human NKIRAS2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for NKIRAS2 recombinant protein	Signaling pathway
References	May M J., et al. (1998) Immunol Today. 19:80-88.; Bos J L., et al. (1998) Mutat Res. 195:255-271.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136628
NCBI GeneID	28511
NCBI Accession #	NP_001138399
NCBI GenBank Nucleotide #	NM_001144927.1
UniProt Accession #	Q9NYR9; Q6PK52; Q96KC7; Q9NSX1; A6NCZ5; B3KNN0; B4DNM3
Molecular Weight	24.0 kDa (215aa), confirmed by MALDI-TOF
NCBI Official Full Name	NF-kappa-B inhibitor-interacting Ras-like protein 2 isoform a
NCBI Official Synonym Full Names	NFKB inhibitor interacting Ras like 2
NCBI Official Symbol	NKIRAS2
NCBI Official Synonym Symbols	KBRAS2; kappaB-Ras2
NCBI Protein Information	NF-kappa-B inhibitor-interacting Ras-like protein 2
UniProt Protein Name	NF-kappa-B inhibitor-interacting Ras-like protein 2
UniProt Gene Name	NKIRAS2
UniProt Synonym Gene Names	KBRAS2; Kappa B-Ras protein 2; KappaB-Ras2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.