

Recombinant Human NKIRAS2, His-tagged

Cat. No. NKIRAS2-15859H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NKIRAS2 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-191aa
Description	NFKB inhibitor interacting Ras-like 2 (NKIRAS2), also known as KBRAS2, is similar to the Ras-like small GTPases that associate with IκappaB. These Ras-like proteins, NKIRAS1 and NKIRAS2, interact with the PEST domains of IκB alpha and IκB beta and decrease their rate of degradation. NKIRAS2 shows 71% identity to KBRAS1. NKIRAS2 is an inhibitor of the transcription factor NF-kappaB.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Molecular Mass	24.0 kDa (215aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSIMGKSCK VVCGQASVG KTSILEQLLY GNHVVGSEMI ETQEDIYVGS IETDRGVREQ VRFYDTRGLR DGAELPRHCF SCTDGYVLVY STDSRESFQR VELLKKEIDK SKDKKEVTIV VLGNKCDLQE QRRVDPDVAQ HWAKSEKVKL WEVSVADRRSLLEPFVYLAS KMTQPQSKSA FPLSRKNKGS GSLDG

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Purity	90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	NKIRAS2 NFKB inhibitor interacting Ras-like 2 [Homo sapiens]
Official Symbol	NKIRAS2
Synonyms	NKIRAS2; NFKB inhibitor interacting Ras-like 2; NFKB inhibitor interacting Ras like protein 2; NF-kappa-B inhibitor-interacting Ras-like protein 2; DKFZP434N1526; kappaB Ras2; KBRAS2; kappa B-Ras protein 2; I-kappa-B-interacting Ras-like protein 2; NFKB inhibitor interacting Ras-like protein 2; kappaB-Ras2; MGC74742; DKFZp434N1526;
Gene ID	28511
mRNA Refseq	NM_001144927
Protein Refseq	NP_001138399
MIM	604497
UniProt ID	Q9NYR9

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Chromosome Location	17q21.31
Pathway	TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;

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