

Recombinant Human NFkB Inhibitor Interacting Ras-Like 2, His-tagged

Cat. No. NKIRAS2-5596H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinanthuman 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
Description	NKIRAS2, also known as KBRAS2, is similar to the Ras-like small GTPases that associate with I κ B α . These Ras-like proteins, NKIRAS1 and NKIRAS2, interact with the PEST domains of I κ B α and I κ B β and decrease their rate of degradation. NKIRAS2 shows 71% identity to KBRAS1. NKIRAS2 is an inhibitor of the transcription factor NF- κ B.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl.
Molecular Weight	24.0 kDa(215aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences of amino acids	MGSSHHHHHSSGLVPRGSH MGS HMGK SCK VVCGQASVG KTSILEQLLY GNHVVGSEMI ETQEDIYVGS IETDRGVREQVRFYDTRGLR DGAELPRHCF

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SCTDGYVLVY STDSRESFQR VELLKKEIDK SKDKKEVTIV
 VLGNKCDLQEQRVDPDVAQ HWAKSEKVKL WEVSVADRRS LLEPFVYLAS
 KMTQPQSKSA FPLSRKNKGS GSLDG

Storage

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

OfficialSymbol

NKIRAS2

GENE INFORMATION
Gene Name

NKIRAS2 NFKB inhibitorinteracting Ras-like 2 [Homo sapiens]

Synonyms

NKIRAS2; NFKBinhibitor interacting Ras-like 2; KBRAS2; kappaB-Ras2; NF-kappa-Binhibitor-interacting Ras-like protein 2; kappa B-Ras protein 2; I-kappa-B-interactingRas-like protein 2; NFKB inhibitor interacting Ras-like protein 2

Gene ID

28511

mRNA Refseq

NM_001144927

Protein Refseq

NP_001138399

MIM

604497

UniProt ID

Q9NYR9

**Chromosome
Location**

17q21.2

Function

GTP binding; GTPaseactivity; nucleotide binding

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