Recombinant human NKIRAS2 protein

Catalog Number: ATGP1519

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-191aa

UniProt No.
Q9NYR9

NCBI Accession No.
NP_001138399

Alternative Names
NFKB inhibitor interacting Ras-like 2, kappaB-Ras2, KBRAS2

PRODUCT SPECIFICATION

Molecular Weight
24.0 kDa (215aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

Recombinant human NKIRAS2 protein

Catalog Number: ATGP1519

Amino acid Sequence

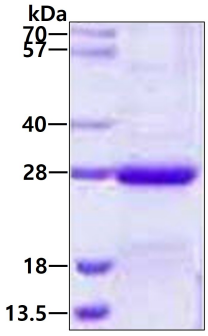
<MGSSHHHHHH SSGLVPRGSH MGSH>MGKSCK VVVCGQASVG KTSILEQLLY GNHVVGSEMI ETQEDIYVGS IETDRGVREQ VRFYDTRGLR DGAELPRHCF SCTDGYVLVY STDSRESFQR VELLKKEIDK SKDKKEVTIV VLGNKCDLQE QRRVDPDVAQ HWAKSEKVKL WEVSVADRRS LLEPFVYLAS KMTQPQSKSA FPLSRKNKGS GSLDG

General References

May M J., et al. (1998) Immunol Today. 19:80-88.
Bos J L., et al. (1998) Mutat Res. 195:255-271.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.