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.

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Amino acid Sequence

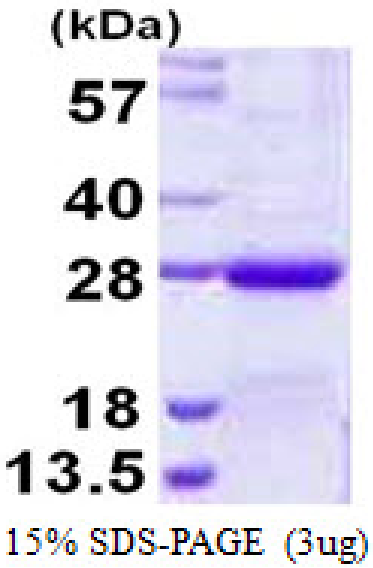
MGSSHHHHHH SSGLVPRGSH MGSHMGKSCK VVVCGQASVG KTSILEQLLY GNHVVGSEMI ETQEDIYVGS IETDRGVREQ VRFYDTRGLR DGAELPRHCF SCTDGYVLVY STDSRESFQR VELLKKEIDK SKDKKEVTIV VLGNKCDLQE QRRVDPDVAQ HWAKSEKVKL WEVSVADRRS LLEPFVYLAS KMTQPQSKSA FPLSRKNKGS GSLDG

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



15% SDS-PAGE (3ug)

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