

NKIRAS2, 1-191aa, Human, His tag, E.coli

Cat.NO.: TP03162

3th Edition

Synonyms:NFKB inhibitor interacting Ras-like 2, kappaB-Ras2, KBRAS2.

Description:NFKB inhibitor interacting Ras-like 2 (NKIRAS2), also known as KBRAS2, is similar to the Ras-like small GTPases that associate with I κ B. These Ras-like proteins, NKIRAS1 and NKIRAS2, interact with the PEST domains of I κ B β and I κ B η 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 Weight:24.0 kDa (215aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMGKSKVVCQASVGKTSILEQLLYGNHVVGSEMIETQEDIYVGSJETDR
GVREQVRFYDTRGLRDGAELPRHCFSCTDGYVLVYSTDSRESFQRVELLKKKEIDKSKDKKEVTIVVLGNKCDLQEQ
RRVDPDVAQHWAKSEKVKLWEVSVADRRSLLEPFVYLASKMTQPQSKSAFPLSRKNKGGSLDG

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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