

NKIRAS1, 1-192aa, Human, His tag, E.coli

Cat.NO.: TP03161

3th Edition

Synonyms:NF-kappa-B inhibitor-interacting Ras-like protein 1, kappaB-Ras1, KBRAS1.

Description:NKIRAS1, also known as NF-kappa-B inhibitor-interacting Ras-like protein 1, belongs to the small GTPase superfamily. NKIRAS1 is atypical Ras-like protein that acts as a potent regulator of NF-kappa-B activity by preventing the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, explaining why NFKBIB is more resistant to degradation. It may act by blocking phosphorylation of NFKBIB and mediating cytoplasmic retention of p65/RELA NF-kappa-B subunit.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

Molecular Weight:23.8 kDa (212aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGKGCKVVVCGLLSVGKTAILEQLLYGNHTIGMEDCETMEDVYMASVETDRGVK
EQLHLYDTRGLQEGVELPKHYFSFADGFVLVYSVNNLESFQRVELLKKEIDKFKDKKEVAIVVLGNKIDLSEQRQVD
AEVAQQWAKSEKVRLEWVTVTDRKTLIEPFTLLASKLSQPQSKSSFPLPGRKNKGNSNSEN

Purity:> 95% by HPLC

Concentration:0.25 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.