9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NKIRAS1 Human

NFKB Inhibitor Interacting Ras-Like 1 Human Recombinant
RCP1498

Product Overview

Name	NKIRAS1 Human
Description	
NFKB Inhibitor Interacting Ras-Like 1 Human Recombinant	
Accession (Primary)	Q9NYS0
Synonyms	
NF-kappa-B inhibitor-interacting Ras-like protein 1, I-kappa-B-interacting Ras-like protein 1, Kappa B-Ras protein 1, KappaB-Ras1, NKIRAS1, KBRAS1.	
Introduction	
NF-kappa-B inhibitor-interacting Ras-like protein 1 (NKIRAS1) is a member of the small GTPase superfamily. NKIRAS1 is an unusual Ras-like protein which acts as a potent regulator of NF-kappa-B activity by thwarting the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, describing why NFKBIB is more resistant to degradation. NKIRAS1 functions by blocking phosphorylation of NFKBIB and mediating cytoplasmic retention of p65/RELA NF-kappa-B subunit. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
NKIRAS1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGKGCKVVVC GLLSVGKTAI LEQLLYGNHT IGMEDCETME DVYMASVETD RGVKEQLHLY DTRGLQEGVE LPKHYFSFAD GFVLVYSVNN LESFQRVELL KKEIDKFKDK KEVAIVVLGN KIDLSEQRQV DAEVAQQWAK SEKVRLWEVT VTDRKTLIEP FTLLASKLSQ PQSKSSFPLP GRKNKGNSNS EN.	

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Precautions

NKIRAS1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NYS0)