

32-4324: Recombinant Human NFKB Inhibitor Interacting Ras-Like 2

Alternative Name : NF-kappa-B inhibitor-interacting Ras-like protein 2, I-kappa-B-interacting Ras-like protein 2, Kappa B-Ras protein 2, KappaB-Ras2, NKIRAS2, KBRAS2.

Description

Source : Escherichia Coli. NKIRAS2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 215 amino acids (1-191 a.a) and having a molecular mass of 24kDa. NKIRAS2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NFKB inhibitor interacting Ras-like 2 (NKIRAS2) is an inhibitor of the transcription factor NF-kappaB. NKIRAS2 is similar to the Ras-like small GTPases which associate with I-kappaB. The Ras-like proteins- NKIRAS1 and NKIRAS2, interact with the PEST domains of I-kappaB and reduce their rate of degradation. NKIRAS2 is an atypical Ras-like protein which functions 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 impervious to degradation.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : NKIRAS2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.
Storage condition : 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.
Amino Acid : MGSSHHHHH SGLVPRGSH MGSIMGKSK VVCGQASVG KTSILEQLLY GNHVVGSEMI
ETQEDIYVGS IETDRGVREQ VRFYDTRGLR DGAELPRHCF SCTDGYVLVY STDSRESFQR
VELLKKEIDK SKDKKEVTIV VLGKCDLQE QRRVDPDVAQ HWAKSEKVKL
WEVSVADRRSLLEPFVYLAS KMTQPQSKSA FPLSRKNKGS GSLDG.

