

Product datasheet for **TP304248L**

NKIRAS1 (NM_020345) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human NFkB inhibitor interacting Ras-like 1 (NKIRAS1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC204248 protein sequence
Red=Cloning site **Green**=Tags(s)

MGKGCKVWVCGLLSVGKTAILEQLLYGNHTIGMEDCETMEDVYMASVETDRGVKEQLHLHYDTRGLQEGVE
LPKHYSFADGFVLVYSVNNLESFQRVELLKKEIDKFKDKKEVAIWLGNKIDLSEQRQVDAEVAQQWAK
SEKVRLEWVTVTDRKTLIEPFTLLASKLSQPQSKSSFPLPGRKNKGNSNSEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_065078](#)

Locus ID: 28512

UniProt ID: [Q9NYS0](#)

RefSeq Size: 2013



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Cytogenetics: 3p24.2

RefSeq ORF: 576

Synonyms: kappaB-Ras1; KBRAS1

Summary: 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. May act by blocking phosphorylation of NFKBIB and mediating cytoplasmic retention of p65/RELA NF-kappa-B subunit. It is unclear whether it acts as a GTPase. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NKIRAS1 protein (Cat# [TP304248]). The protein was produced from HEK293T cells transfected with NKIRAS1 cDNA clone (Cat# [RC204248]) using MegaTran 2.0 (Cat# [TT210002]).