

## **Product datasheet for TP304248L**

#### OriGene Technologies, Inc.

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

 $MGKGCKVVVCGLLSVGKTAILEQLLYGNHTIGMEDCETMEDVYMASVETDRGVKEQLHLYDTRGLQEGVE\\ LPKHYFSFADGFVLVYSVNNLESFQRVELLKKEIDKFKDKKEVAIVVLGNKIDLSEQRQVDAEVAQQWAK$ 

SEKVRLWEVTVTDRKTLIEPFTLLASKLSQPQSKSSFPLPGRKNKGNSNSEN

**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



#### NKIRAS1 (NM\_020345) Human Recombinant Protein - TP304248L

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

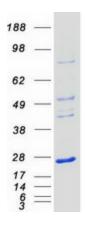
is more resistant to degradation. May act by blocking phosphorylation of NFKBIB and

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]).