

Product datasheet for **TP309464L**

NKIRAS2 (NM_017595) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human NFkB inhibitor interacting Ras-like 2 (NKIRAS2), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209464 protein sequence
Red=Cloning site **Green**=Tags(s)

MGKSCKWVCGQASVVGKTSILEQLLYGNHVVGSEMIETQEDIYVGSJETDRGVREQVRFYDTRGLRDGAE
LPRHCFSCTDGYVLVYSTDSRESFQRVELLKKEIDKSKDKKEVTIVVLGNKCDLQEQRVDPDVAQHWAK
SEKVKLWEVSVADRRSLLEPFVYLASKMTQPQSKSAFPLSRKNKSGSLDG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.3 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_060065](#)

Locus ID: 28511

UniProt ID: [Q9NYR9](#), [A0A024R1Z4](#)



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RefSeq Size: 2474

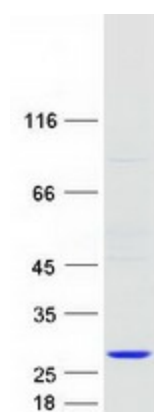
Cytogenetics: 17q21.2

RefSeq ORF: 573

Synonyms: kappaB-Ras2; KBRAS2

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 nuclear localization 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 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NKIRAS2 protein (Cat# [TP309464]). The protein was produced from HEK293T cells transfected with NKIRAS2 cDNA clone (Cat# [RC209464]) using MegaTran 2.0 (Cat# [TT210002]).