

Recombinant Mouse Nkiras1 Protein, Myc/DDK-tagged

Cat. No. Nkiras1-4421M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NFKB inhibitor interacting Ras-like protein 1 (Nkiras1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	21.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Nkiras1 NFKB inhibitor interacting Ras-like protein 1 [Mus musculus (house mouse)]

Official Symbol Nkiras1

Synonyms NKIRAS1; NFKB inhibitor interacting Ras-like protein 1; NF-kappa-B inhibitor-interacting Ras-like protein 1; kappa B-Ras protein 1; I-kappa-B-interacting Ras-like protein 1; KBRAS1; kappaB-Ras1; 2400004O09Rik

Gene ID 69721

mRNA Refseq NM_023526

Protein Refseq NP_076015

UniProt ID Q8CEC5

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