

Recombinant Mouse Nkiras2 Protein, Myc/DDK-tagged

Cat. No. Nkiras2-4422M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NFKB inhibitor interacting Ras-like protein 2 (Nkiras2), 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 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.
Molecular Mass	21.5 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name Nkiras2 NFKB inhibitor interacting Ras-like protein 2 [Mus musculus (house mouse)]

Official Symbol Nkiras2

Synonyms NKIRAS2; NFKB inhibitor interacting Ras-like protein 2; NF-kappa-B inhibitor-interacting Ras-like protein 2; kappaB-Ras2; kappa B-Ras protein 2; I-kappa-B-interacting Ras-like protein 2; KBRAS2; 2410003M04Rik; 4930527H08Rik; D630018G21Rik

Gene ID 71966

mRNA Refseq NM_028024

Protein Refseq NP_082300

UniProt ID Q9CR56

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