

Recombinant Mouse Nfkbia Protein, Myc/DDK-tagged

Cat. No. Nfkbia-4398M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, alpha (Nfkbia), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.
Molecular Mass	35.5 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

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

GENE INFORMATION

Gene Name	Nfkbia nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, alpha [Mus musculus (house mouse)]
Official Symbol	Nfkbia
Synonyms	NFKBIA; nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, alpha; NF-kappa-B inhibitor alpha; ikB-alpha; ikappaBalph; I-kappaBalph; I-kappa-B-alpha; I(Kappa)B(alpha); nuclear factor of kappa light polyp gene enhancer in B-cell 1; nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, alpha; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha; Nfkb; AI462015
Gene ID	18035
mRNA Refseq	NM_010907
Protein Refseq	NP_035037
UniProt ID	Q9Z1E3

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