

Recombinant Mouse Nfkbia Protein, Myc/DDK-tagged

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

SPECIFICATION

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|-------------------------|--|
| 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

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|------------------------|--|
| 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; Nfkbj; AI462015 |
| Gene ID | 18035 |
| mRNA Refseq | NM_010907 |
| Protein Refseq | NP_035037 |
| UniProt ID | Q9Z1E3 |

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