

Recombinant Mouse Nfkbib protein, His & T7-tagged

Cat. No. Nfkbib-1877M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nfkbib aa. (Gly117~Pro345 (Accession # Q60778)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly117~Pro345
Description	This gene encodes an inhibitor of nuclear factor kappa-light-chain-enhancer of activated B cells (NF-kappaB). The encoded protein prevents NF-kappaB-mediated transcription activation by sequestering it in the cytosol. In response to signals that induce NF-kappaB, such as cytokines and growth factors, the encoded protein undergoes phosphorylation, triggering its rapid ubiquitination and proteasomal degradation. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.5kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Nfkbib nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, beta [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nfkbib
Synonyms	Scnn1a; sodium channel, nonvoltage-gated 1 alpha; ENaC; SCNEA; Scnn1; mENaC; amiloride-sensitive sodium channel subunit alpha; ENaC alpha; alpha-ENaC; alpha-NaCH; amiloride-sensitive epithelial sodium channel; epithelial Na(+) channel subunit alpha; epithelial sodium channel alpha subunit; nonvoltage-gated sodium channel 1 subunit alpha; sodium channel, nonvoltage-gated, type I, alpha polypeptide
Gene ID	18036

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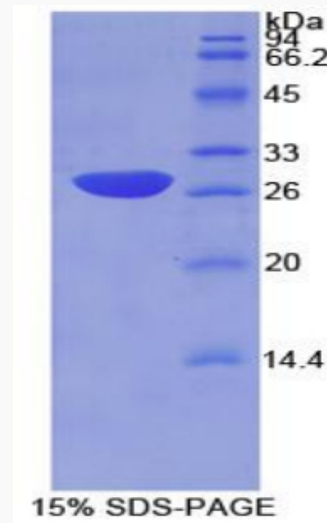
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mRNA Refseq [NM_001306222.1](#)

Protein Refseq [NP_001293151.1](#)

UniProt ID [Q60778](#)



SDS-PAGE

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