

Product datasheet for **TP524785**

Nfkbid (NM_172142) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, delta (Nfkbid), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR224785 protein sequence
Red=Cloning site **Green**=Tags(s)

MEDSLDTRLYPEPSLSQVGSWRVSSLPSPGSPQLPSPTGPSLETARAHILALGPQQLAQDEEGDTLLHLF
AARGLRWAAAYAAAEVLQMYRQLDIREHKGKTPLLVAAAANQPLIVEDLLSLGAEPNATDHQGRSVLHVAA
TYGLPGVLSAVFKSGIQVDLEARDFEGLTPLHTAVLALNAAMLPAVCPRMQNSQARDRLTCVQMLLQM
G
ASHTSQEIKSNKTILHLAVQAANPTLVQLLLGLPRGDLWAFVNMKAHGNTALHMAAALPPGPPQEIVR
H
LLAAGADPTLRNLENEQPVHLLRPGPGPEGLRQLLKRSRTAPPGLSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 35 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_742154](#)



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Locus ID:	243910
UniProt ID:	<u>Q2TB02</u>
RefSeq Size:	2010
Cytogenetics:	7 B1
RefSeq ORF:	981
Synonyms:	I-kappa-B-delta; IkappaBNS; ikB-delta
Summary:	Regulates the expression of IL-2, IL-6, and other cytokines through regulation on NF-kappa-B activity. Functions in the regulation of inflammatory responses (PubMed:11931770, PubMed:15749903, PubMed:16410444, PubMed:16413922, PubMed:17641034). Involved in the induction of T helper 17 cells (Th17) differentiation upon recognition of antigen by T cell antigen receptor (TCR) (PubMed:25282160). According to PubMed:11931770, it may also regulate TCR-induced negative selection of thymocytes (PubMed:11931770). [UniProtKB/Swiss-Prot Function]