

Product datasheet for TP526548

Nfkbia (NM_010907) 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, alpha (Nfkbia), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226548 representing NM_010907 Red =Cloning site Green =Tags(s) MFQPAGHGQDWAMEGPRDGLKKERLVDDRHDSGLDSMKDEEYEQMVKELREIRLQPQEAPLAAEPWKQQL TEDGDSFLHLAIIHEEKPLTMEVIGQVKGDLAFLNFQNNLQQTPLHLAVITNQPGIAEALLKAGCDPELR DFRGNTPLHLACEQGCLASVAVLTQTCTPQHLHLSVLQATNYNGHTCLHLASIHGYLAIVEHLVTLGADV AQEPCNGRTALHLAVDLQNPDLVSLLLKCGADVNRVTYQGYSPLYQLTWGRPSTRIQQQLGQLTLENLQML PESEDEESYDTESEFTEDELPHYDDCVFGGQRLTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	35.5 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_035037
Locus ID:	18035
UniProt ID:	Q9Z1E3



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RefSeq Size: 1592

Cytogenetics: 12 C1

RefSeq ORF: 942

Synonyms: AI462015; Nfkbi

Summary: 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.
[UniProtKB/Swiss-Prot Function]