

Recombinant Human NFKBIA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NFKBIA-3784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NFKBIA MS Standard C13 and N15-labeled recombinant protein (NP_065390) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses.</p> <p>The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.</p>
Molecular Mass	35.4 kDa
AA Sequence	<p>MFQAAERPQEWAMEGPRDGLKKERLLDDRHDSGLDSMKDEEYEQMVKELQEIRLE PQEVPRGSEPWKQQLTEDGDSFLHLAIHHEEKALTMEVIRQVKGDLAFLNFQNNLQQ TPLHLAVITNQPEIAEALLGAGCDPELRDFRGNTPLHLACEQGCLASVGLTQSCTT PHLHSILKATNYNGHTCLHLASIHGYLGIVELLVSLGADVNAQEPCNGRTALHLAVDL QNPDLVSLLLKCGADVNRVITYQGYSPLYQLTWGRPSTRIQQQLGQLTLENLQMLPES EDEESYDTESEFTEFTEDELPHYDDCVFGGQRLTLTRTRPLEQKLISEEDLAANDILDY</p>

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	KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NFKBIA NFKB inhibitor alpha [Homo sapiens (human)]
Official Symbol	NFKBIA
Synonyms	NFKBIA; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha; NFKBI; NF-kappa-B inhibitor alpha; IkappaBalpha; IKBA; MAD 3; ikB-alpha; I-kappa-B-alpha; nuclear factor of kappa light chain gene enhancer in B-cells; major histocompatibility complex enhancer-binding protein MAD3; MAD-3;
Gene ID	4792
mRNA Refseq	NM_020529
Protein Refseq	NP_065390
MIM	164008

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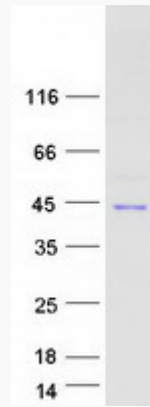
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UniProt ID


P25963

SDS-PAGE



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