

Recombinant Human NFATC3 Protein, MYC/DDK-tagged

Cat. No. NFATC3-236H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFATC3 Protein, transcript variant 1, is produced by HEK293T expression system. This protein is fused with a MYC/DDK tag at the C-terminal.
Species	Human
Source	HEK293
Description	The product of this gene is a member of the nuclear factors of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nuclear component. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Several transcript variants encoding distinct isoforms have been identified for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	115.4 kDa
AA Sequence	MTTANCGAHDELDFKLVFGEDGAPAPPPPGSRPADLEPDDCASIYIFNVDPPPSTLT TPLCLPHHGLPSHSSVLSPSFQLQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQITS ISPNCHQELDAHEDDLQINDPEREFLEPSPRDHLYLPLEPSYRESSLSPSPASSISSR SWFSDASSCESLSHIYDDVDSELNEAAARFTLGSPLTSPGGSPGGCPGEETWHQQ YGLGHSLSPRQSPCHSPRSSVTDENWLSRPASGPSSRPTSPCGKRRHSSAEVCY AGSLSPHHSPVSPGHSRGSVTEDTWLNASVHGGSGLGAFFPFQYCVETDIPLK

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TRKTSSEQAAILPGKLELCSDDQGSLSAPARETSIDDGLGSQYPLKKDSCGDQFLSVP
 SPFTWSKPKPGHTPIFRTSSLPLDWPLPAHFGQCELKIEVQPKTHHRAHYETEGSR
 GAVKASTGGHPVVKLLGYNEKPINLQMFIGTADDRYLPHAFYQVHRITGKTVATAS
 QEIIIASTKVLEIPLLNNMSASIDCAGILKLNSDIELRKGETDIGRKNTRVRLVFRVH
 IPQPSGKVLSLQIASIPVECSQRSAQELPHIEKYSINSCSVNGGHEMVVVGTSNPLPES
 KIIFLEKGDGRPQWEVEGKIIREKCQGAHIVLEVPPYHNPAVTAQVHFYLCNGK
 RKKSQSQRFTYTPVLMKQEHREEIDLSSVPSLPVPHPAQTQRPSSDSGCSHDSVLS
 GQRLICSIPQTYASMVTSSHLPQLQCRDESVSKEQHMIPIVHQPFQVTPPTPPVG
 SSYQPMQTNVVYNGPTCLPINAASSQEFDSVLFQQDATLSGLVNLGCQPLSSIPFHS
 SNSGSTGHLLAHTPHSVHTLPHLQSMGYHCSNTGQRLSSPVADQITGQPSSQLQP
 ITYGPSHSGSATTASPAASHPLASSPLSGPPSPQLQPMYQSPSSGTASSPSPATR
 MHSGQHSTQAQSTGQGLSAPSSLICHSLCDPASFPDPGATVSIKPEPEDREPNA
 TIGLQDITLDDVNEIIGRDMSQISVSQGAGVSRQAPLPSPESLDLGRSDGLTRTRPLE
 QKLISEEDLAANDILDYKDDDDKV

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 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name NFATC3 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3 [Homo sapiens]

Official Symbol NFATC3

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Synonyms	NFATC3; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3; NFAT4; NFATX; NF-ATc3;
Gene ID	4775
mRNA Refseq	NM_004555
Protein Refseq	NP_004546
MIM	602698
UniProt ID	Q12968
Purified recombinant protein NFATC3 was analyzed by SDSPAGE gel and Coomossie Blue Staining.	