

Recombinant Human NFATC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NFATC3-5888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NFATC3 MS Standard C13 and N15-labeled recombinant protein (NP_775188) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	115.6 kDa
AA Sequence	MTTANCGAHDELDFKLVFGEDGAPAPPPPGSRPADLEPDDCASIYIFNVDPPPSTLT TPLCLPHHGLPSHSSVLSPSFQLQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQITS ISPNCHQELDAHEDDLQINDPEREFLEPSPRDHLYLPLEPSYRESSLSPSPASSISSR SWFSDASSCESLSHIYDDVDSELNEAAARFTLGSPLTSPGGSPGGCPGEETWHQQ YGLGHSLSPRQSPCHSPRSSVTDENWLSRPRPASGPSSRPTSPCGKRRHSSAEVCY AGSLSPHHSPVPSPGHSPRGSVTEDTWLNASVHGGSGLGPVFPFQYCVETDIPLK

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TRKTSEDQAAILPGKLELCSDDQGSLSAPARETSIDDGLGSQYPLKKDSCGDQFLSVP
 SPFTWSKPKPGHTPIFRTSSLPLDWPLPAHFGQCELKIEVQPKTHHRAHYETEGSR
 GAVKASTGGHPVVKLLGYNEKPINLQMFIGTADDRYLPHAFYQVHRITGKT VATAS
 QEIIIASTKVLEIPLL PENNMSASIDCAGILKLRNSDIELRKGETDIGRKNTRVRLVFRVH
 IPQPSGKVL SLQIASIPVECSQRS AQELPHIEKYSINSCSVNGGHEMVV TGSNFLPES
 KIIFLEKGDGRPQWEVEGKIIREKCGAHIVLEVPPYHNP AVTAAVQVHFYLCNGK
 RKKSQSQRFTYTPVLMKQEHREEIDLSSVPSLPVPHPAQTQRPSSDSGCSHDSVLS
 GQRSLICSIPQTYASMVTSSHLPQLQCRDESVSKEQHMIPSPIVHQPFQVTPPTPPVG
 SSYQPMQTNVVYNGPTCLPINAASSQEFDSVLFQQDATLSGLVNLGCQPLSSIPFHS
 SNSGSTGHLLAHTPHSVHTLPHLQSMGYHCSNTGQRSLSSPVADQITGQPSSQLQP
 ITYGPSHSGSATTASPAASHPLASSPLSGPPSPQLQPMPYQSPSSGTASSPSPATR
 MHSGQHSTQAQSTGQGGLSAPSSLICHSLCDPASFPDPGATVSIKPEPEDREP NFA
 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 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NFATC3 nuclear factor of activated T cells 3 [Homo sapiens (human)]

Official Symbol NFATC3

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Synonyms NFATC3; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3; nuclear factor of activated T-cells, cytoplasmic 3; NFAT4; NFATX; NF-ATc3; T cell transcription factor NFAT4; nuclear factor of activated T-cells c3 isoform IE-Xa;

Gene ID 4775

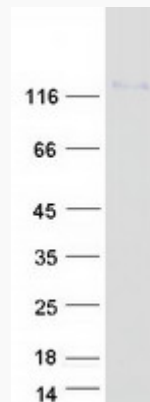
mRNA Refseq NM_173165

Protein Refseq NP_775188

MIM 602698

UniProt ID Q12968

SDS-PAGE



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