

# Recombinant Human NFATC3 Protein, MYC/DDK-tagged

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	115.4 kDa
<b>AA Sequence</b>	MTTANCGAHDELDFKLVFGEDGAPAPPPPGSRPADLEPDDCASIIYIFNVDPPPSTLT TPLCLPHHGLPSHSSVLSPSFQLQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQITS ISPNCHQELDAHEDDLQINDPEREFLERPSRDHLYLPLEPSYRESSLSPSPASSISSR SWFSDASSCESLSHIYDDVDSELNEAAARFTLGSPLTSPGGSPGGCPGEETWHQQ YGLGHLSLSPRQSPCHSPRSSVTDENWLSRPASGPSSRPTSPCGKRRHSSAEVCY AGSLSPHHSPVSPGHSRGSVTEDTWLNASVHGGSGLGPVFPFQYCVETDIPLK

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TRKTS EDQAAILPGKLELCSDDQGSLS PARETSIDDGLGSQYPLKKDSCGDQFLSVP  
 SPFTWSKPKPGHTPIFRTSSLPLDWPLPAHFGQCELKIEVQPKTHHRAHYETEGSR  
 GAVKASTGGHPVVKLLGYNEKPINLQMFIGTADDRYL RPHAFYQVHRITGKT VATAS  
 QEIII ASTKVLEIPLL PENNMSASIDCAGILKLRNSDI ELRKGETDIGRKNTRVRLVFRVH  
 IPQPSGKVL SLQIASIPVECSQRS AQELPHIEKYSINSCSVNGGHEMVV TGSNFLPES  
 KIIFLEKGDGRPQWEVEGKIIREK CQGAHIVLEVPPYHNP AVTAAVQVHFYLCNGK  
 RKKSQSQRFTYTPVLMKQEHREEIDLSSVPSLPVPHPAQTQRPSSDSGCSHDSVLS  
 GQRSLICSIPQTYASMVTSSHLPQLQCRDESVSKEQHMIPSPIVHQPFQVTPPTPPVG  
 SSYQPMQTNVVYNGPTCLPINAASSQEFD SVLFFQDATLSGLVNLGCQPLSSIPFHS  
 SNSGSTGHLLAHTPHSVHTLPHLQSMGYHCSNTGQRSLSSPVADQITGQPSSQLQP  
 ITYGPSHSGSATTASPAASHPLASSPLSGPPSPQLQPMPYQSPSSGTASSPSPATR  
 MHSGQHSTQAQSTGQGGLSAPSSLICHS LCDPASFPDPGATVSIKPEPEDREP 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 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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<b>Synonyms</b>	NFATC3; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3; NFAT4; NFATX; NF-ATc3;
<b>Gene ID</b>	<a href="#">4775</a>
<b>mRNA Refseq</b>	<a href="#">NM_004555</a>
<b>Protein Refseq</b>	<a href="#">NP_004546</a>
<b>MIM</b>	<a href="#">602698</a>
<b>UniProt ID</b>	<a href="#">Q12968</a>
Purified recombinant protein NFATC3 was analyzed by SDSPAGE gel and Coomossie Blue Staining.	

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