

# Recombinant Full Length Human NFATC3 Protein

**Cat. No.** NFATC3-339HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human NFAT4 Isoform 2 with N terminal proprietary tag; MW: 143.55 inclusive of tag
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	1068 amino acids
<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>	Liquid
<b>Molecular Mass</b>	143.550kDa
<b>AA Sequence</b>	MTTANCGAHDELDFKLVFGEDGAPAPPPGSRPADLEPDD CASIYIFNVDPPPSTLT TPLCLPHHGLPSHSSVLSPSFQL QSHKNYEGTCEIPESKYSPLGGPKPFECPSIQIT SISPNC HQELDAHEDDLQINDPEREFLERPSRDHLYLPLEPSYRES SLSPSPASSIS SRSWFSDASSCESLSHIYDDVDSELNEAA ARFTLGSPILTSPGGSPGGCPCGEETWH

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QQYGLGHSLSPRQS PCHSPRSSVTDENWLSRPASGPSSRPTSPCGKRRHSSAE  
 VCYAGSLSPHHSPVPSPGHSPRGSVTEDTWNASVHGGSG LGPAVFPFQYCVET  
 DIPLKTRKTSQDQAAILPGKLELCSD DQGSLSPARETSIDDGLGSQYPLKKDSCGDQ  
 FLSVPSPT WSKPKPGHTPIFRTSSLPLDWPLPAHFGQCELKIEVQPK THHRAHY  
 ETEGSRGAVKASTGGHPVVKLLGYNEKPINLQM FIGTADDRYLPHAFYQVHRITG  
 KTVATASQEIISTKV LEIPLPENNMASIDCAGILKLRNSDIELRKGETDIGRK NTR  
 VRLVFRVHIPQPSGKVLSLQIASIPVECSQRSQAQELP HIEKYSINSCSVNGGHEMVVT  
 GSNFLPESKIIFLEKGQDG RPQWEVEGKIIREKCGAHIVLEVPPYHNPVTAQV  
 HF YLCNGKRKKSQSQRFTYTPVLMKQEHREEIDLSSVPSLPV PHPAQTQRPSSDS  
 GCSHDSVLSGQRSLICSIPTIYASMT SSHLPQLQCRDESVSKEQHMPSPIVHQPF  
 QVTPTPPVGS SYQPMQTNVYNGPTCLPINAASSQEFDSVLFQQDATLSG LVNLG  
 CQPLSSIPFHSSNSGSTGHLLAHTPHSVHTLPHLQ SMGYHCSNTGQRSLSPPVAD  
 QITGQPSSQLQPITYGPSHS GSATTASPAASHPLASSPLSGPPSPQLQPMPYQSPS  
 SGTA SSPSPATRMHSGQHSTQAQSTGQGGLSAPSSLICHSLCDP ASFPPDGATVS  
 IKPEPEDREPNFATIGLQDITLDDDQFIS DLEHQPSGSAEKWPNHNSVLSCPAPFWRI

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## 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; nuclear factor of activated T-cells, cytoplasmic 3; NFAT4; NFATX
<b>Gene ID</b>	4775
<b>mRNA Refseq</b>	NM_004555
<b>Protein Refseq</b>	NP_004546
<b>MIM</b>	602698
<b>UniProt ID</b>	Q12968

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