

Recombinant Human NFATC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NFATC1-4340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NFATC1 MS Standard C13 and N15-labeled recombinant protein (NP_765978) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>The product of this gene is a component of the nuclear factor 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. Proteins belonging to this family of transcription factors play a central role in inducible gene transcription during immune response. The product of this gene is an inducible nuclear component. It functions as a major molecular target for the immunosuppressive drugs such as cyclosporin A. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes.</p>
Molecular Mass	77.8 kDa
AA Sequence	MPSTSFVPVPSKFPLGPAAAVFGRGETLGPAPRAGGTMKSAEEEHYGYASSNVSPAL PLPTAHSTLPAPCHNLQTSTPGIIPADHPSGYGAALDGGPAGYFLSSGHTRPDGAP

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

ALESPRIEITSCLGLYHNNNQFFHDVEVEDVLPSSKRSPSTATLSLPSLEAYRDPSCL
 SPASSLSSRSCNSEASSYESNYSYPYASPQTSPWQSPCVSPKTTDPEEGFPRGLG
 ACTLLGSPRHSPSTSPRASVTEESWLGARSSRPASPCNKRKYSLNGRQPPYSPHH
 SPTSPHGS PRVSVTDDSWLGNTTQYTSSAIVAINALTTDSSLDLGDGVPVKS RKT
 TLEQPPSVALKVEPVGEDLGSPPPPADFAPEDYSSFQHIRKGGFCDQYLAVPQHYPY
 QWAKPKPLSPTSYSMSPTLPALDWQLPSHSGPYELRIEVQPKSHHRAHYETEGSRG
 AVKASAGGHPIVQLHGYLENEPLMLQLFIGTADDRLLRPHAFYQVHRITGKTVSTTSH
 EAILSNTKVLEIPLLPENSMRAVIDCAGILKLRNSDIELRKGETDIGRKNTRVRLVFRVH
 VPQPSGRTL SLQVASNPIECSQRSAQELPLVEKQSTDSYPVVGKMMVLSGHNFLQ
 DSKVIFVEKAPDGHVWEMEAKTDRDLCKPNSLVVEIPFRNQ RITSPVHVSFYVCN
 GKRKRSQYQRFTYLPANGNAIFLTVSREHERVGCFFSGPTRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

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	NFATC1 nuclear factor of activated T cells 1 [Homo sapiens (human)]
Official Symbol	NFATC1
Synonyms	NFATC1; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1;

nuclear factor of activated T-cells, cytoplasmic 1; NF ATC; NFAT2; NFATc; NF-ATc1;
NFAT transcription complex cytosolic component; NF-ATC; MGC138448;

Gene ID [4772](#)

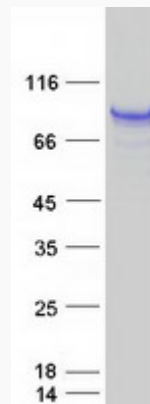
mRNA Refseq [NM_172390](#)


Protein Refseq [NP_765978](#)

MIM [600489](#)

UniProt ID [O95644](#)

SDS-PAGE



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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