

Recombinant Human NFATC2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. NFATC2-391H Lot. No. (See product label)

SPECIFICATION

Product Overview

NFATC2 MS Standard C13 and N15-labeled recombinant protein (NP_001129493) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene is a member of the nuclear factor of activated T cells (NFAT) family. The product of this gene is a DNA-binding protein with a REL-homology region (RHR) and an NFAT-homology region (NHR). This protein is present in the cytosol and only translocates to the nucleus upon T cell receptor (TCR) stimulation, where it becomes a member of the nuclear factors of activated T cells transcription complex. This complex plays a central role in inducing gene transcription during the immune response. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq, Apr 2012]

Molecular Mass

97.5 kDa

AA Sequence

MQREAAFRLGHCHPLRIMGSVDQEEPNAHKVASPPSGPAYPDDVLDYGLKPYSPLA
 SLSGEPGRFGEPRVGPQKFLSAAKPAGASGLSPRIETPSHELIIQAVGPLRMRDA
 GLLVEQPPLAGVAASPRFTLPVPGFEGYREPLCLSPASSGSSASFISDTFSPYTPC
 VSPNNGGPDDLCPQFQNI PAHYSPRTSPIMSPRTSLAEDSCLGRHSPVPRPASRSS
 SPGAKRRHS CAEALVALPPGAS PQRSRSPSPQPSSHVAPQDHGSPAGYPPVAGSA

 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



VIMDALNSLATDSPCGIPPKMWKTSPDPSPVSAAPSKAGLPRHIYPAVEFLGPCEQG
 ERRNSAPESILLVPPTWPKPLVPAIPICSIPVTASLPPLEWPLSSQSGSYELRIEVQPK
 PHHRAHYETEGSRGAVKAPTGGHPVVQLHGYMENKPLGLQIFIGTADERILKPHAFY
 QVHRITGKTVTTTSYEKIVGNTKVLEIPLEPKNNMRATIDCAGILKLRNADIELRKGET
 DIGRKNTRVRLVFRVHIPESSGRIVSLQTASNPIECSQRSAAHELPMVERQDTSCLV
 YGGQQMILTGQNFTSESKVVFTTEKTTDGGQIWEWEATVDKDKSQPNMLFVEIPEYR
 NKHIRTPVKVNFYVINGKRKRSQPQHFTYHPVPAIKTEPTDEYDPTLICSPHGGGLGS
 QPYYPQHMPVAESPSCLVATMAPCQQFRTGLSSPDARYQQQNPAAVLYQRSKSL
 PSLLGYQQPALMAAPLSLADAHRSVLVHAGSQGQSSALLHPSPTNQQASPVIIHYS
 TNQQLRCGSHQEFQHIMYCENFAPGTTTRPGPPPVSQGQRLSPGSYPTVIQQQAT
 SQRAAKNGPPVSDQKEVLPAGVTIKQEQLDQTYLDDELIDTHLSWIQNILTRTRPLE
 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 NFATC2 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 [Homo sapiens (human)]

Official Symbol NFATC2

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

Synonyms

NFATC2; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2; nuclear factor of activated T-cells, cytoplasmic 2; NF ATP; NFAT1; NFATp; NF-ATc2; NFAT pre-existing subunit; T cell transcription factor NFAT1; T-cell transcription factor NFAT1; NFAT transcription complex, preexisting component; preexisting nuclear factor of activated T-cells 2; nuclear factor of activated T-cells, preexisting component; NFATP;

Gene ID

4773

mRNA Refseq

NM_001136021

Protein Refseq

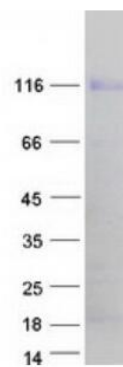
NP_001129493

MIM

600490

UniProt ID

Q13469

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