

Recombinant Human NFATC4 cell lysate

Cat. No. NFATC4-1188HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

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 of nuclear factors of activated T cells also participate in the formation of this complex. The product of this gene plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of the IL-2 and IL-4. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Size 100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

Gene Name

NFATC4 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 [Homo sapiens]

 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

Official Symbol	NFATC4
Synonyms	NFATC4; nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4; nuclear factor of activated T-cells, cytoplasmic 4; NFAT3; NF-AT3; T cell transcription factor NFAT3; T-cell transcription factor NFAT3; NF-ATc4;
Gene ID	4776
mRNA Refseq	NM_001136022
Protein Refseq	NP_001129494
MIM	602699
UniProt ID	Q14934
Chromosome Location	14q11.2
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; ErbB2/ErbB3 signaling events, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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