

Recombinant Human NFATC4 Protein, MYC/DDK-tagged

Cat. No. NFATC4-750H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NFATC4 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the nuclear factor of activated T cells (NFAT) protein family. The encoded protein is part of a 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 stimulation and an inducible nuclear component. NFAT proteins are activated by the calmodulin-dependent phosphatase, calcineurin. The encoded protein plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of interleukin-2 and interleukin-4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	101.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	nuclear factor of activated T-cells 4[Homo sapiens]
Official Symbol	NFATC4
Synonyms	NF-AT3; NF-ATC4; NFAT3
Gene ID	4776
mRNA Refseq	NM_001136022.1
Protein Refseq	NP_001129494
MIM	602699
UniProt ID	Q14934

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