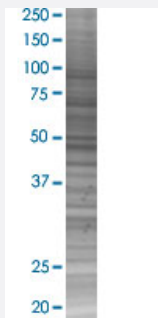


NFATC4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004776-T02

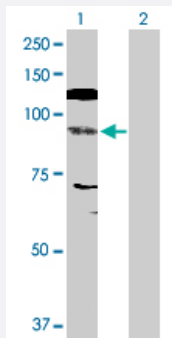
Size 100 uL

Applications



SDS-PAGE Gel

NFATC4 transfected lysate.



Western Blot

Lane 1: NFATC4 transfected lysate (95.40 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-NFATC4 full-length

Host Human

Theoretical MW (kDa) 95.4

Quality Control Testing Transient overexpression cell lysate was tested with Anti-NFATC4 antibody ([H00004776-D01P](#)) by Western Blots.
SDS-PAGE Gel
NFATC4 transfected lysate.
Western Blot
Lane 1: NFATC4 transfected lysate (95.40 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NFATC4

Entrez GeneID	4776
GeneBank Accession#	NM_004554.3
Protein Accession#	NP_004545.2
Gene Name	NFATC4
Gene Alias	NF-ATc4, NFAT3
Gene Description	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4
Omim ID	602699
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	T cell transcription factor NFAT3 nuclear factor of activated T-cells, cytoplasmic 4

Pathway

- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [MAPK signaling pathway](#)

- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Cardiomegaly](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)