NFATC4 (Human) Cell-Based ELISA Kit

Catalog # KA3261 Size 1 Kit

Specification

Product Description	NFATC4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative de termination of NFATC4 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — NFATC4

Entrez GeneID	4776
Gene Name	NFATC4
Gene Alias	NF-ATc4, NFAT3
Gene Description	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4
Omim ID	602699

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Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a member of the nuclear factors of activated T cells DNA-binding trans cription complex. This complex consists of at least two components: a preexisting cytosolic comp onent that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nucl ear component. Other members of this family of nuclear factors of activated T cells also participat e 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 tra nscript 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

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