

## Nuclear factor of activated T-cells, cytoplasmic 1

Catalog No: #AP79116



Package Size: #AP79116-1 50ug #AP79116-2 100ug #AP79116-3 1mg

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## Description

Product Name	Nuclear factor of activated T-cells, cytoplasmic 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	185-299AA
Other Names	NFAT2,NFATC,NFAT transcription complex cytosolic component,NF-ATc
Accession No.	O95644Gene name:NFATC1
Uniprot	O95644
GeneID	4772;
Calculated MW	12.65
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2 or IL-4 gene transcription. Also controls gene expression in embryonic cardiac cells. Could regulate not only the activation and proliferation but also the differentiation and programmed death of T-lymphocytes as well as lymphoid and non-lymphoid cells (PubMed:10358178). Required for osteoclastogenesis and regulates many genes important for osteoclast differentiation and function.

## References

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Note: This product is for in vitro research use only