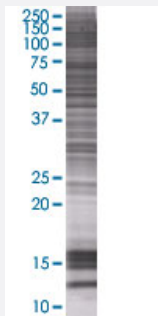


NFAT5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010725-T01

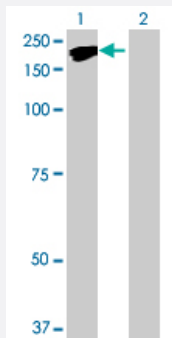
Size 100 uL

Applications



SDS-PAGE Gel

NFAT5 transfected lysate.



Western Blot

Lane 1: NFAT5 transfected lysate (163.35 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NFAT5 full-length
Host	Human
Theoretical MW (kDa)	163.35
Interspecies Antigen Sequence	Mouse (91); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NFAT5 antibody ([H00010725-B01](#)) by Western Blots.
SDS-PAGE Gel
NFAT5 transfected lysate.
Western Blot
Lane 1: NFAT5 transfected lysate (163.35 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 — NFAT5

Entrez GeneID [10725](#)

GeneBank Accession# [NM_138713.2](#)

Protein Accession# [NP_619727.1](#)

Gene Name NFAT5

Gene Alias KIAA0827, NF-AT5, NFATL1, NFATZ, OREBP, TONEBP

Gene Description nuclear factor of activated T-cells 5, tonicity-responsive

Omim ID [604708](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The product of this gene is a member of the nuclear factors of activated T cells family of transcription factors. Proteins belonging to this family play a central role in inducible gene transcription during the immune response. This protein regulates gene expression induced by osmotic stress in mammalian cells. Unlike monomeric members of this protein family, this protein exists as a homodimer and forms stable dimers with DNA elements. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

NFAT-like protein 1|T cell transcription factor NFAT5|TonE-binding protein|glutamine rich protein H65|nuclear factor of activated T-cells 5|osmotic response element-binding protein|tonicity-responsive enhancer binding protein

Pathway

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)