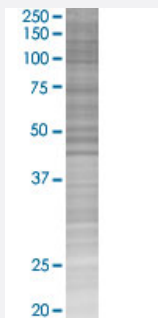


# RFXANK 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008625-T02

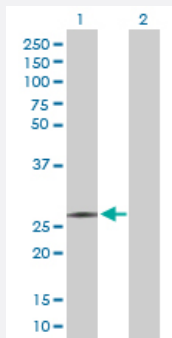
Size 100 uL

## Applications



### SDS-PAGE Gel

RFXANK transfected lysate.



### Western Blot

Lane 1: RFXANK transfected lysate ( 25.60 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-RFXANK full-length
Host	Human
Theoretical MW (kDa)	25.6
Interspecies Antigen Sequence	Mouse (77); Rat (72)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RFXANK antibody ([H00008625-D01P](#)) by Western Blots.  
SDS-PAGE Gel  
RFXANK transfected lysate.  
Western Blot  
Lane 1: RFXANK transfected lysate ( 25.60 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 — RFXANK

## Entrez GeneID

[8625](#)

## GeneBank Accession#

[NM\\_134440.1](#)

## Protein Accession#

[NP\\_604389.1](#)

## Gene Name

RFXANK

## Gene Alias

ANKRA1, BLS, F14150\_1, MGC138628, RFX-B

## Gene Description

regulatory factor X-associated ankyrin-containing protein

## Omim ID

[209920 603200](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. This protein contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B. Two transcript variants encoding different isoforms have been described for this gene, with only one isoform showing activation activity. [provided by RefSeq]

**Other Designations**

DNA-binding protein RFXANK|RFX-Bdelta4|ankyrin repeat-containing regulatory factor X-associated protein|regulatory factor X subunit B

**Pathway**

- [Antigen processing and presentation](#)
- [Primary immunodeficiency](#)