

## Product datasheet for **SC201405**

### RFXANK (NM\_003721) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RFXANK (NM_003721) Human 3' UTR Clone
Symbol:	RFXANK
Synonyms:	ANKRA1; BLS; F14150_1; RFX-B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003721
Insert Size:	177 bp
Insert Sequence:	>SC201405 3'UTR clone of NM_003721 The sequence shown below is from the reference sequence of NM_003721. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> AGCAACCTGGTGCCCGCTGACCCTGAG <b>TGA</b> AGGCCGCCTGCCGGGACTCAGACACTCAGGGAACAAAA TGGTCAGCCAGAGCTGGGAAACCCAGAAGTACTTCAAAGGCAGCTTCTGGACAGGTGGTGGGAGGGG ACCCTTCCAAGAGGAACCAATAAACCTTCTGTGCAGAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<a href="#">NM_003721.4</a>



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**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. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2013]

**Locus ID:**

8625

**MW:**

6.7