

Product datasheet for MR216708

Rfxank (NM_011266) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rfxank (NM_011266) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rfxank
Synonyms: Tv11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR216708 representing NM_011266
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCCCACTCAGGTTGCAGAGAACCTGTCCCAAACCAGCAACCTCCTGTTCTGACCTAGAGGATC
CTGAGGACACCAGAGATGAGTCCCCAGAGAACTCAGACACTGTCGTCCTCAGCCTGTTCCCTGCACCCC
AGACGCTGTGAATCCTGAAGCAGATGCCAGTGCATCCTCACTGCAGGGAAGTTTCTGAAGCACTCCACA
ACCCTCACAAACCGGCAACGTGGGAATGAGGTCTCAGCTCTGCCAGCCACCCTGGACTCCCTTTCTATCC
ACCAGCTTGCAGCCCAAGGGGAGCTGAGCCAACCTGAAGGATCATCTGCGGAAGGGTGCCTGTCTGCCTG
CACATGCCTGTCTGGAACAACCTGATCAACAACCGGATGAGCGTGGCTTACCCCCCTCATCTGGGCC
TCAGCCTTTGGAGAAATTGAGACAGTTCGCTTCTGCTAGACTGGGGTGTGACCCCCACATCCTGGCCA
AGGAGCGGGAGAGCGCACTGTCACCTGCCAGTATGGGTGGCTACACGGACATCGTGAGGTTGCTGCTTGA
CCGTGACGTGGACATCAACATCTATGACTGGAATGGAGGAACACCACTGCTCTACGCTGTGCGTGGGAAC
CACGTGAAGTGTGTGGAGGCCTTACTGGCCCGGGTGTGACCTCACCACAGAGGCTGACTCTGGCTACA
CCCCAATGGATCTCGCAGTGGCCCTGGGATACCGCAAAGTGCAACAGGTGATGGAGGCCACATCCTCAG
ATTGTTCCAGAGCACCTGGGGCCTGTGGACCCCGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR216708 representing NM_011266
 Red=Cloning site Green=Tags(s)

MEPTQVAENLVPNQPPVPDLEDPEDTRDESPENS DTVVLSLFPCTPDVNPEADASASSLQGSFLKHST
 TLNTRQRGNEVSALPATLDSL SIHQLA AQGELSQLKDH LRGK GACTCLSGNNL INK PDERGFTPLIWA
 SAFGEIETVRFLLDWGADPHILAKERESALSLASMGGYTDIVRLL LDRD VDI NI YDWNGGTPLL YAVRGN
 HVKCVEALLARGADLTTEADSGYTPMDLAVALGYRKVQQVMESHILR L FQSTLGPVDPE

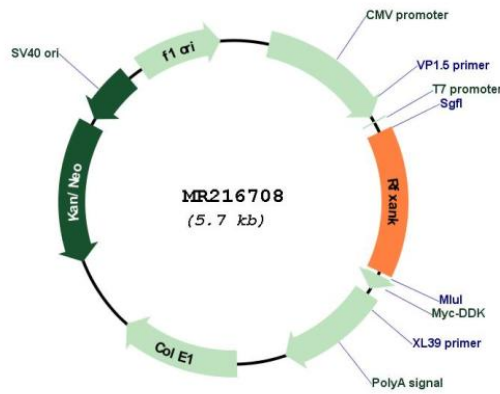
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_011266
 ORF Size: 807 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_011266.2 , NP_035396.1
RefSeq Size:	3682 bp
RefSeq ORF:	810 bp
Locus ID:	19727
UniProt ID:	Q9Z205
Cytogenetics:	8 B3.3
MW:	29.7 kDa
Gene Summary:	Activates transcription from class II MHC promoters. Activation requires the activity of the MHC class II transactivator/CIITA. May regulate other genes in the cell. RFX binds the X1 box of MHC-II promoters (By similarity). May also potentiate the activation of RAF1 (PubMed:10329666).[UniProtKB/Swiss-Prot Function]