

Product datasheet for **RR206327**

Runx3 (NM_130425) Rat Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Runx3 (NM_130425) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Runx3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RR206327 representing NM_130425 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGTATCCCGTAGACCCAAGCACCAGCCGCCGTTCACTCCCCCTCCACGGCCTTCCCCTGCGGCG
GCGGCGGCGCGGCAAGATGGGCGAGAACAGCGGCGCGCTGAGCGCGCAGGCGGCCGCGGGCCCCGCGG
CCGACCCCGCCGAAGTGCCTCGATGGTGGACGTGCTGGCCGACCACGCGGGAGAGCTCGTGCGCACC
GACAGCCCCAACTTCCTCTGCTCCGTGCTGCCCTCGCACTGGCGCTGCAACAAGACGCTGCCGGTCCGCT
TCAAGTGGTGGCACTGGGGATGTTCTGTGGAACGGTGGTGAACCGTGGTGGCGGGCAATGACGAGAA
TACTCCGCCGAGCTGCGCAACGCTTCCGCTGTCATGAAGAACCAAGTGGCCCGGTTCAACGACCTCCGC
TTCGTGGCCCGCAGCGGGCAGGGAAGAGCTTACGCTCACAATCACCGTGTTACCAACCCTACCCAAG
TGGCCACCTACCACCGAGCCATCAAGGTTACTGTGGATGGACCCCGGAACCCCGACGGCACCGGCAGAA
GATAGAGGACCAGACCAAGCCTTCCCGACCGCTTCGGAGACCTGCGCATGCGTGTAAACCAAGCACA
CCCAGCCCCGTGGCTCTCTCAGCACCAGGCACTTACGAGCCAGGCCAGACCCCAATCCAAGGCT
CCTCAGACCTGAACCCCTTCTCGGACCCCGCCAGTTTGATCGCTCCTCCCTACGCTGCAAGCCCTCAC
AGAGAGCCGCTTCCCGAGGGAAGGATGCACTACCCGGGAGCCATGTCTGCCGCTTCCCCTACAGTGCC
ACACCATCGGGAACCAGCCTGGGCGGCTGAGCGTGGCCGGCATGCCGGCCAGCAGCCGCTCCACCACA
CCTACCTCCCTCCGCCCTACCCGGGGGCCCGCAGAGTCAGAGCGGGCCCTTTCAGGCCAACCTGCGCC
CTACCACCTTTCTATGGCACCTCCTCCGGCTCCTACCAGTTCTCCATGGCAGCTGCCGGAGGTGGCGAG
CGCTCGCCACCCGCATGCTGACCTCCTGCCCCACCGGCGCTTCGGTGTGACGAGGCAATCTCATGAACC
CCAGCCTGGGCCAGGCTGATGGCGTGGAAGCCGACGGCAGTCACAGCAACTCGCCACCGGCCCTGAGCAC
ACCGGGCCGATGGACGAGGCCGTGTGGCGGCCCTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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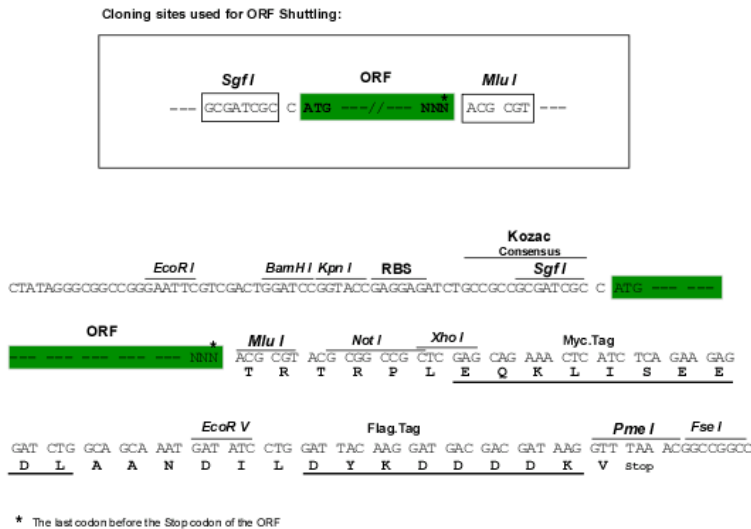
Protein Sequence: >RR206327 representing NM_130425
Red=Cloning site Green=Tags(s)

MRIPVDPSTSRFFTPPSTAFPCGGGGGGKMGENSGALSAQAAAGPGGRTRPEVRSMDVLDHAGELVRT
 DSPNFLCSVLP SHWRCNKTL PVAFKVVALGDVPDGT VVTVMAGNDENYSAELRNASAVMKNQVARFNDLR
 FVGRSGRKSFTLTITVF TNPTQVATYHRAIKVTVDGPREPRRHRQKIEDQTKAFPDRFGDLRMRVTPST
 PSPRGSLSSTSHFSSQAQTPIQGSSDLNPFSDPRQFDRSFPTLQSLTESRFPEGRMHYPGAMSAAFPYSA
 TPSGTSLGGLSVAGMPASSRFHHTYLPPYPGAPQSQSGPFQANPAPYHLFYGTSSGSYQFSMAAAGGGE
 RSPTRMLTSCPTGASVSAGNLMNPSLGQADGVEADGSHNSPTALSTPGRMDEAVWRPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_130425

ORF Size: 1227 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:

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_130425.1](#), [NP_569109.1](#)

RefSeq Size: 1230 bp

RefSeq ORF: 1230 bp

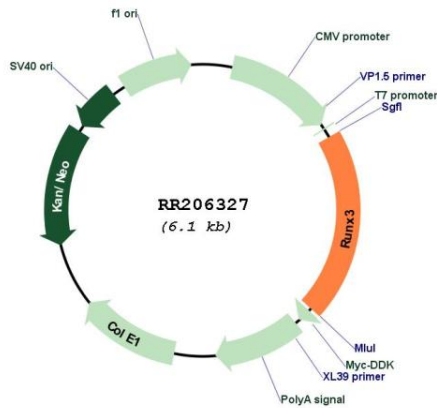
Locus ID: 156726

Cytogenetics: 5q36

MW: 43.5 kDa

Gene Summary: mouse homolog is a transcription factor required for establishing epigenetic silencing in cytotoxic lineage thymocytes [RGD, Feb 2006]

Product images:



Circular map for RR206327