

Product datasheet for RR213256

Rtf1 (NM_001108958) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rtf1 (NM_001108958) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rtf1
Synonyms: Gtl7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213256 representing NM_001108958
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGAGCTAAAAGCAGAGCGCGAAAAACGGAAGAACAGAACAGCTGAGCTCCTTGCCAAAAACAGC
CATTGAAAACAGTGAGGTCTACTCTGATGATGAGGAGGAAGAAGACGATGACAAGTCCAGTGAGAAATC
AGACCGCTCGTCCCGAACGTCATCATCTGATGAAGAAGAAGAGAAAGAAGAAATCCCTCCGAAATCACAG
CCAGTCTCCTTACCCGAGGAAGTGAATCGGGTTCGGTTATCAAGGCATAAGCTAGAACGCTGGTGTGACA
TGCCCTTCTTTGCTAAAAGTGTACAGGATGTTTTGTACGGATTGGCATTGGAAACCATAATAGCAAGCC
AGTTTACCGGGTGGCTGAGATCACAGGTGTTGTGGAACTGCCAAAGTTTACCAGCTGGGTGGTACCAGA
ACAAACAAAGGGCTGCAGCTACGGCATGGCAATGACCAGCGAGTGTTCGGTCTAGAGTTTGTGTCCAACC
AGGAATCACTGAAAGTGAGTTCATGAAGTGAAGGAAGCGATGTTTTCTGCTGGCATGCAGTTGCCAC
ACTAGATGAAATCAATAAAAAGGAATTTCTATTAAGGAAGCCCTCAATTATAAATTCATGATCAGGAC
ATTGAGGAGATTGTGAAAGAGAAAAGAAAGGTTTAGAAAAGCTCCACCAAACTATGCTATGAAGAAGACTC
AGCTGCTGAAGGAAAAGGCCATGGCTGAGGACCTGGGAGATCAGGACAAAGCCAAACAAATCCAAGACCA
GCTAAATGAGCTAGAAGAGCGGGCAGAGGCCCTGGACCGCCAGCGGACCAAGAACATATCTGCTATCAGC
TACATCAACCAGCGGAATCGGGAGTGGAACATTGTGGAGTCTGAGAAGGCTCTGGTGGCTGAAAGTCACA
ACATGAGAAACCAGCAGATGGACCCGTTTACCAGGCGACAGTGCAAACCCACCATCGTCTCCAATCCAG
GGACCCAGCTGTTCCAGGCTGCCATTTTGGCCAGCTAAATGCAAATACGGTTCTGGAGCGTTACCAGAT
GCTCAAAGGAAGTGAGCAAGGGACAAGGAAAGGATAAAGATTTGAATTCATAGTCAGCCAGTGACCTCT
CCGAAGACTTGTTCAAAGTCCATGACTTTGATGTGAAGATTGACTTACAAGTCCCAAGCTCAGAGTCAA
AGCTTTGGCCATCACCTCAAGGCCCCACCAGCCAAGGATGGAGCTCCAAGGAGATCTCTGAACTTAGAA
GACTATAAAAAACGACGAGGGCTTATT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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MEELKAEREKRNRTAELLAKKQPLKTSEVYSDDEEEEDDDKSSEKSDRSSRTSSSDEEEEEEIIPKKSQ
 PVSLPEELNRVRLSRHKLERWCHMPFFAKTVTGCFVRIGIGNHNSKPVYRVAEITGVVETAKVYQLGGTR
 TNKGLQLRHGNDQQRVFRLEFVSNQEFTESEFMKWEAMF SAGMQLPTLDEINKKEFSIKEALNYKFNDQD
 IEEIVKEKERFRKAPPNYAMKKTQLLKEKAMAEDLDGQDKAKIQDQLNELEERAEALDRQRTKNI SAIS
 YINQRNREWNIVESEKALVAESHMNRNQMDPFRRQCKPTIVSNRDP AVQAAILAQLNAKYGSGALPD
 APKEVSKGQKDKDLNSK SASDL SEDL FKVHDFVKIDLQVPSSSEKALAITSKAPPAKDGAPRRSLNLE
 DYKRRGLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

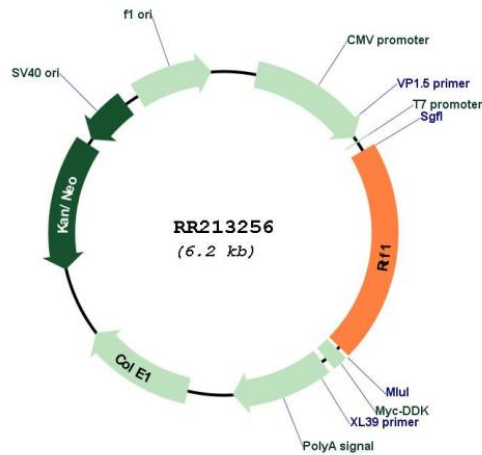
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108958

ORF Size:	1287 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_001108958.1 , NP_001102428.1
RefSeq Size:	4495 bp
RefSeq ORF:	1290 bp
Locus ID:	366169
Cytogenetics:	3q35
MW:	49.1 kDa