

Product datasheet for **RR215389**

RT1-S2 (NM_001008857) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RT1-S2 (NM_001008857) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: RT1-S2
Synonyms: RT1.S1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215389 representing NM_001008857
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTACCTCCTGCTACTTGCTCCAAGTCTGGCCTGCACCATGGTCTTGACCCACACTCAACCCCAA
 AGACACATGTGACCCACCACCCAGTCTGAAGGTGATGTACCCTGAGGTGCTGGGCCCTGGGCTTCTA
 CCCTGCTGACATCACTCTGACCTGGAAGAGGGATGGGAGAACCTGACCCAGGACATGGAGCTTGTGGAG
 ACCAGGCCTGCAGGGATGAAACCTCCAGAAGTGGGCAGCTGTGGTGGTGCCTTCTGGAGAGGAGGAGA
 ATTACACATGCCTTGTGGAGCATGAGGGCTGCCTGAGCCGCTTTCCAGAGATGGGAGTCTCCTCCATC
 CACTGTCTCCAACACAGCCATGATTGCTGTCTGGTGTCTTGGAGCTGTGACCATCATAGGAGCTGTG
 GTGGCTGTTGTGAGGAAGAGGAGGAGAAACACAGGTGAAAAGGAGGGGACTATGCTCCAGCTCAAAGCA
 GCAACAATGTCCACCGTCTGACTTGTCTCTGGAGCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215389 representing NM_001008857
 Red=Cloning site Green=Tags(s)

MLPPAYLLQLLACTMVLTHTPPKTHVTHHPSPEGDVTLRCWALGFYPADITLTKWRDGENLTQDMELVE
 TRPAGDETFQKWAAVVPSGEEENYTCLVEHEGLPEPLSQRWESPPSTVSNTAMIAVLVVLGAVTIIGAV
 VAVVRKRRRNTGKGGDYAPAQSSNNVHRSLSLEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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:	<u>NM_001008857.1</u> , <u>NP_001008857.1</u>
RefSeq Size:	531 bp
RefSeq ORF:	531 bp
Locus ID:	24994
Cytogenetics:	20p12
MW:	19.2 kDa
Gene Summary:	may play a role in antigen presentation [RGD, Feb 2006]