

Product datasheet for **RN202136**

Gtse1 (NM_001130500) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtse1 (NM_001130500) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtse1
Synonyms:	RGD1563164
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202136 representing NM_001130500
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAAGAGACGGCAGCGACTGCCTTCGACCAGCCAGAGGGAGAGGTGAAGATGGACCCTGGTA
 GTAAGAAGGAAGACTTTCTTTTGGAAAGATGAAAAATTTGACTTCGATCTTTCCTTGTCTTCTCAAG
 CGCAAATGAAGATGACGAAGTCTTTTTCGGGCCTGTGGGACATAAAGAAAGATGCATTGCTGCCAGTTT
 GACTTAAACCGCCAGGTTCTGAGCAGCCCTTCCCCAGGCTCTGGCAGCCCTGCACCTGGAGCCCTC
 TCACTGGGAGAGAAGTTTGTGGAGGTGTACAAAGAAGCCCACTTACTGGCCTTACAGATAGAATGTACAG
 CCGAAGAGAGGTGGCCAGGCCCAAGCCTAGAAGTGTGTGAGCCAGGCCAAGAAACGTTTGTGCAG
 GACTCACAGTTAAAAATAAGTCTTTTTGAGAAAGAACAAGAGAGACAAAAGTCCCTTGTCACTTAAAA
 GAGAGACATTCTGCTGCCGTCTCGAGGGCGCAACCGCTTTGGGGAGCCCAGCTCTGGCTTCTCC
 AGGCTGCCCAACTCCCCTCTCCAGCAGGCCCTGTTCCAGCCAGAGCAGCCAGGTCGGCTTGTCC
 TCTCAGCCTCCAAGTCAAGCTGGCCTCAGAGGAGGATAATGAGCAAGCTACAGCCACCCGGGCTTTGC
 CTGTGAGAGGAAGAAATCTTTTTCTGGCCACAGAGAAGCTCAAAAAGAGGTGCCAGCCAGCCTTACGA
 GACGAAGCCCCTGAATGAAAAGGGATCCAGAGTGATGTGCTCCTGGACAAACCCAGCACGGCTCCAGAT
 GCTGCCAGTCGAGAAGGCCGCCAGGCAAGAGGTCACTCCCCGTTCTGGCAAGTTGGGACTGAAGAAGA
 CCCTGTTAAAGCCACCGGGCTATACTAGTAATCTCACAAAGAAGTCTCTACCTCAGGGTCGGCTTCAAG
 CCTCGTGTCTGGTGTGGCAGGTCTCCACAGCAGGCAAGCAAGTCCAGTGAAGTTTCAAGTATTTCC
 GCTAGCAGCTCCCGCGTCAGTCAGTACCAGCAAGTTGGCAGAGTGGACTTGGCAGCTCACACCAGG
 CTTTGCCAGCAGCCCCTGCCAGAGCATTTCAGACAAAGCAAAAAGGCTGATGCTGCCAGACAGTGGC
 AGAGCAGCCCAAGGCCCTCACCCCAAGTCTTGTCTCAACAACCCAGACTCCAAAACACAAGGACCC
 AGAGTGGACCTGGACACCGAGACATGTAGTGAATAAACTGTAGCATAAAACGACAGGACTCCTCTC
 TAGGCTGCAAGACAGAGGCCGTATCTACCACAACAAACCCATTTAAAGTCCCCAGTTTTCTGTTGGTGA
 GTCACCTGATAGAGTGACCCCAAGATCTCAAGGACACATCGGCTGCAGTCTGGACACCAGCTGGCAGG
 GTGGTCAGCAGCACTCTGTGAGACGTTATCAGGGCTCACTCCACAAGGCTGCCAGCAGTATGAGGA
 CCCCTTTGAGCACAAGACGGATGTAGTGTGCCACACCTGCCAGTAGGCGTCTCTGGACTTCCATT
 AACAGCACCTCAGTCCATGCCTAGGGCTCTGGTGTCCCCTGTGTGCCTGCCGGCGACTTTCTTCT
 GAGCCCAGGAGAAGATCTACAGTCAGATCGGAGCTGATGCAGGAGAGCAGCAGCAATGGCAGTGTGGC
 AGAGCCAGGGCCTGTCTCAGATGAGAGCTTCCCCTCCATCCTCGGTGCCTCAAGCACTGAACTTTTT
 TCCAGAGAAGAGTGACTTCTCCTTCCCAAGGCTCCTCCACAGGAACAGGTGAGGTGAAGCAGAGCCT
 CATGAAGACATGCACCCAGTGAGGTACCTGGAGGTGAATGCAGTTCCACACCATCTGAGGGTCTTCTGC
 TAGACATCAAGCTGGACCAGTCCATCGCTCCTGAAGCCGGAGACAGAGACTTAGCCGACTGCCCTCT
 CATCGACTTCAGCAACACCCCTGAGTCGAACATGGCTTTGGGACCTAGCAGCTGGCCCCTGATAGACCTC
 ATAATGAATACTCCAACATGGGTAGAAGTGTGGGGAAGCCTCCAAGGCTGAGCTCGGCCAGCTGA
 TCGATCTGGGCTCCCCTGATCCAGCTGAGCCCTGAGGCTGACAAAGAAAATGTGGACTCACCGCTCCT
 CAAGTTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001130500
Insert Size: 2250 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001130500.1</u> , <u>NP_001123972.1</u>
RefSeq Size:	2645 bp
RefSeq ORF:	2250 bp
Locus ID:	300126
Cytogenetics:	7q34