

Product datasheet for **RN208490**

Chsy1 (NM_001106268) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chsy1 (NM_001106268) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chsy1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208490 representing NM_001106268
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCTCGGGCTCGTCTGGCTTCGTCTGGCTCGCGACTCGTCTGCCCGCGCCTCGGAGCTGA
 AGCGAGTGGGCCCGCGCGCGCCCAATCCCGAGGGATGCCGGCCAGGACAGGCAGCGTCGCAGCCGG
 CGGTGCTCCGGGGGATGCGCGCGGGGCGCAGCTCTGGCCGAGGGCTCGGCCGGAGGGCGTCCCGCGC
 GACAGGAACCTTCTCTCGTGGGAGTCATGACCGCCAGAAATACCTGCAGACTCGCGCCGTGGCCGCTT
 ACAGAACATGGTCCAAGACAATCCCGGAAGTTGAGTTCTTCTCTAGTGAGGGTTCAGACACATCTAT
 ACCCATCCAGTAGTCCACTGAGGGGTGTGGACGACTCTATCCCCCAGAAGAAGTCTTTCATGATG
 CTCAAGTACATGCACGATCACTACTGGACAAGTACGAATGGTTTATGAGAGCAGATGATGATGTCTACA
 TCAAGGGAGATCGTCTGGAGAGCTTTCTGAGGAGTTTGAATAGCAGCGAGCCCTCTTCTCGGGCAGAC
 AGGACTGGGCACCACTGAAGAAATGGGAAACTGGCTCTTGAGCTGGAGAGAACTTCTGCATGGGGGA
 CCTGGTGTGATTCTGAGCCGGGAAGTGCTTCGAGAATGGCACACACATTGGCAAGTGTCTCCGGGAAA
 TGTACACCACCCACGAGGATGTAGAGGTGGGGAGTGCCTCCGGAGATTGCGAGGCGTGCAGTGCCTGTG
 GTCATATGAGATGCAGCAGCTTTTTTACGAGAATTATGAACAGAAACAAGAAAGGGTACATTAGAGATCTC
 CATAGCAGTAAAAATCCACCGAGCGATCACTTTACACCCCAACAAAAACCCGCCCTACCAGTACAGGCTAC
 ACAGTTACATGCTCAGCCGAAGATCGTGTAGCTGCGCCATCGACAATCCAGCTGCACCGGGAGATCGT
 CCTGATGAGCAAGTACAGCAGCACGAAATCCAGAAGGAAGACCTCCAGCTGGGCATCCCTCCCTCCTTC
 ATGCGCTTTCAGGCCCGCCAGCGAGAGGAGATCCTGGAGTGGGAGTTTCTGACTGGGAACTTATATATT
 CAGCCAGGAAGGCCAGCTCCCGGAGAGGGATGGACTCAGCGCAGAGGGAGGCCCTGGATGACATTGT
 CCTGCAAGTGATGGAGATGATCAATGCCAATGCCAAGACCCGGGCGCATCATCGACTTCAAGGAGATC
 CAGTATGGCTACAGACGCTGAATCCCATGTACGGGCGAGTACATCCTGGATCTGCTGCTCCTGTATA
 AGAAGCACAAAGGAAGAAGATGACGGTCCCTGTGAGGAGGCACGCGTACCTGCAGCAGACCTTCAGCAA
 GATCCAGTTTGTGGAGCATGAGGGCCTGGATGCACAAGAGCTCGCTGACAGAATCAACCAGGACTCTGGG
 TCCCTGTCACTTCTCCAATCCTTGAAGAAGCTCGTCCCTTCCAGCTTCTGGATCCAAGATGGAGC
 ACAAGAGCCCAAGAAAAGAAGATAAACATTCTGATCCCTTTGTCTGGACGCTTCGACATGTTTGTGAG
 GTTCATGGAACTTTGAGAAGACGTGTCTCATTCCAATCTGAACGTGAAGCTGGTCACTCTGCTTTTC
 AATTCTGACTTAACCCGACAAGGCCAAGCAGGTCGAGCTGATGCGAGATTACCGAGTCAAGTACCCGA
 AGGCTGACATGCAAGTTTTGCCTGTGTCTGGAGGGTTTTCGAGAGCACTGGCCCTAGAAGTAGGCTCTTC
 GCAGTTTAGTAATGAGTCTCTGCTCTTCTTCTGTGATGTGGACCTGGTGTTTACAGCGGAGTTCTCTGCAG
 AGGTGCCGAGCCAACACTGTGCTGGGCCAGCAGATCTACTTCCAATCATCTTTAGCCAGTACGATCCAA
 AGATTGTCTATAGTGGGAAGGTTCCAGTGACAACATTTTGCCTTTACTCAAAAAACCGGCTTCTGGAG
 AAATATGGGTTTGGCATTACTTGTATCTATAAGGGAGATCTTGTGAGTGGGAGGCTTCGATGTCTCC
 ATCCAGGGCTGGGGCTGGAGGATGTGGACCTTTTACAAGGTCGTCCAGGCAGGATTGAAGACATTCC
 GGAGCCAGGAGGTCGGGGTGTTCACGTCCACCACCCTGTCTTGTGACCCGAATCTGGACCCCAAGCA
 GTATAAAATGTGCTGGGGTGAAGGCGTCAACATTCGGGTCCACACAGCAGTTGGCTGAAATGTGGCTG
 GAGAAGAATGACCCAGTTACAGCAGAGGCGGCAACGGCTCGGCCAGGACAGCTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001106268
Insert Size: 2367 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_001106268.1</u> , <u>NP_001099738.1</u>
RefSeq Size:	3758 bp
RefSeq ORF:	2367 bp
Locus ID:	292999
Cytogenetics:	1q22