

Product datasheet for **RN212161**

Slc6a5 (NM_203334) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a5 (NM_203334) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a5
Synonyms:	GLYT2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212161 representing NM_203334
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTGCAGTCTCCAAGGAAATGAATAAACCAACCAACATCTTGGAGGCAACGGTGCCGGGCC
 ACCGGGATAGCCCTCGAGCACCTAGGACCAGCCCTGAGCAGGATCTTCTGCGGCAGCCCCGCGGCCG
 TGTCAGCCGCCACGTGTGCCAGGTGCGCTTCCACCGCGCCAAAATTCCAGTCTGCGGATGCGAGA
 GCCTGTGAGGCACAGCGCCTGGAGTAGGGTTTTGTAACCTTAGCAGCCCCAGGCACAAGCGACCTCTG
 CGGCCCTCCGGGACTTAAGCGAAGGGCACAGCGCACAGGCCAATCCCCCTCCGGGGCCGCTGGGGCTGG
 CAACGCTTTACACTGCAAGATTCAGCTCTGCGTGGCCCGGAGGAGGACGAGAACGTGAGTGTGGCAAG
 GGCACGCTGGAGCACAACAATACCCACCCGTGGGCTGGTGAATATGAGCCAGAGCACAGTGGTGTGG
 GTACCGATGGAATCGGTCGGTCTCCCGGCAGCGTGGCCACCACTACCATTCCGGAGGACGAGCAAGG
 GGATGAGAATAAGGCCAGAGGAACTGGTCCAGCAAACCTGGACTTCATCTGTCCATGGTGGGGTACGCA
 GTGGGGCTGGGTAAATGTTTGGAGGTTTCCCTACCTGGCCTTCCAGAACGGGGGAGGTGCTTTCCTCATCC
 CTTACTTGATGATGCTGGCACTGGCTGGCTTACCTATCTTCTTCCTAGAGGTGTCCTGGGCCAGTTTGC
 CAGCCAGGGTCTGTGTCTGTGTGGAAGGCCATCCCAGCTCTGCAGGGCTGTGGCATTGCGATGCTCATC
 ATCTCCGTCTCATAGCCATCTACTACAACGTCATCATCTGCTACACGCTCTTCTACCTGTTTGGTCTTT
 TTGTGTCTGTGCTGCCCTGGGGATCCTGCAACAACCCGTGGAACACACCAGAATGCAAAGACAAAACCAA
 ACTTTTACTAGATTCTGTGTTATCGGTGACCATCCCAAGATACAGATCAAGAACTCTACTTTCTGCATG
 ACTGCCTATCCGAACCTGACCATGGTTAACTTCACCAGCCAGGCCAATAAGACATTTGTCAGCGGGAGTG
 AAGAGTACTTCAAGTACTTTGTGCTGAAGATTTCTGCAGGGATTGAATATCCTGGTGAGATCAGGTGGCC
 CTTGCCGTTCTGCCTTTTCTGGCTGGGTGATTGTATATGCATCGCTGGCAAAAGGAATTAAGACATCA
 GGAAAAGTGGTGTACTTACAGCCACCTTCCCTTATGTCGTCCTGGTTCATCCTCCTATTGAGGGGTCA
 CCCTGCCTGGAGCTGGAGCCGGTATCTGGTACTTCATCACACCTAAGTGGGAGAACTCACGGATGCCAC
 GGTGTGGAAGGATGCAGCCACTCAGATTTTCTTCTCCCTGTCTGCGGCCTGGGGAGGGCTCATCACTCTT
 TCTTCTTACAACAAATCCATAACAACCTGCTACAGGGACAGTAAATTGTAACCTGCACCAACAGTGCCA
 CTAGCATCTTCTGCTGGGTTTGTCTCTTCTGCTATTGGCTTCATGGCCAACGAGCGCAAAGTCAACAT
 TGAGAATGTGGCTGACCAAGGGCCAGGCATTGCATTTGTGGTTTACCCAGAAGCCTTAACCAGGCTGCCT
 CTCTCTCATTCTGGGCCATCATTTTTCTGATGCTTCTCACGCTTGGACTTGACACCATGTTTGCTA
 CCATCGAGACCATTGTGACCTCCATCTCGATGAGTTTCCCAAGTATCTGCGCACACACAAGCCTGTGTT
 CACCCTGGGCTGCTGCATCTGCTTCTTATTATGGGCTTCCCAATGATCACACAGGGTGGAACTACATG
 TTTGAGCTTGTGGACACCTATGCTGCCTCCTATGCTCTTGTATCATTGCCATATTTGAGCTTGTGGCA
 TCTCCTATGTGTACGGCTTGAGAGGTTCTGTGAAGACATCGAGATGATGATTGGATTCCAGCCCAACAT
 TTTCTGGAAGGTCTGCTGGGCGTTTGTACACCCGACCATTTTAAACGTTTATCCTTTGCTTCAGCTTCTAT
 CAGTGGGAGCCCATGACCTATGGCTCCTACCGTACCCAACTGGTCCATGGTGCCTGGATGGCTGATGC
 TCGCCTGCTCCGTGATCTGGATCCCGATTATGTTCTGTGATAAAAATGATCTGGCTCCTGGGAGATTTAT
 TGAGAGGCTGAAGTTGGTATGCTCGCCACAGCCGACTGGGGCCATTCTTAGCTCAGCACCCGGGGAA
 CGCTACAAGAATATGATCGACCCCTGGGAACCTCGTCCCTGGGACTCAAGCTGCCAGTGAAGGATTTGG
 AACTGGGCACCCAGTGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_203334
Insert Size: 2400 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:	NM_203334.1 , NP_976079.1
RefSeq Size:	7075 bp
RefSeq ORF:	2400 bp
Locus ID:	171148
UniProt ID:	P58295
Cytogenetics:	1q22
Gene Summary:	glycine transporter [RGD, Feb 2006]