

Product datasheet for **RC234628**

Glyt1 (SLC6A9) (NM_001261380) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glyt1 (SLC6A9) (NM_001261380) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Glyt1
Synonyms:	GCENSG; GLYT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234628 representing NM_001261380
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCC

ATGAGCGGCGGAGACACGCGGGCTGCGATCGCTCGCCCCAGGATGGCCGGGCTCATGGACCTGTGGCC
 CCTCTTCCCAGAACAGAAATGGTGTGTGCCAGCGAGGCCACCAAGAGGGACCAGAACCTCAAACGGGG
 CAACTGGGGCAACCAGATCGAGTTTGTACTGACGAGCGTGGGCTATGCCGTGGGCTGGGCGCTTCATG
 TTCCCCTACTTCATGCTCATCTTCTGCGGGATCCCCCTCTTCTTCATGGAGCTCTCCTTCGGCCAGT
 TTGCAAGCCAGGGGTGCCTGGGGTCTGGAGGATCAGCCCCATGTTCAAAGGAGTGGGCTATGGTATGAT
 GGTGGTGTCCACCTACATCGGCATCTACTACAATGTGGTTCATCTGCATCGCCTTCTACTACTTCTCTCG
 TCCATGACGCACGTGCTGCCCTGGGCTACTGCAATAACCCCTGGAACACGCATGACTGCGCCGGTGTAC
 TGGACGCCTCAAACCTCACCATGGCTCTCGGCCAGCCGCTTGGCCAGCAACCTCTCCACCTGCTCAA
 CCACAGCTCCAGAGGACCAGCCCCAGCGAGGAGTACTGGAGGCTGTACGTGCTGAAGCTGTCAGATGAC
 ATTGGAACTTTGGGGAGGTGCGGCTGCCCTCCTTGGCTGCCTCGGTGTCTCCTGGTTGGTCTGCTTCC
 TCTGCCTCATCCGAGGGTCAAGTCTTCAGGAAAGTGGTGTACTTCACGGCCACGTTCCCTACGTGGT
 GCTGACCATCTGTTTGTCCGCGGAGTGACCCTGGAGGGAGCCTTGGACGGCATCATGTACTACCTAACCC
 CCGCAGTGGGACAAGATCCTGGAGGCCAAGGTGTGGGGTGTGCTGCCTCCCAGATCTTCTACTACTGG
 GCTGCGGTGGGAGGCCTCATCACCATGGCTTCTACAACAAGTTCCACAATACTGTTACCGGGACAG
 TGTATCATCAGCATCACCACCTGTGCCACCAGCGTCTATGCTGGCTTCGTCATCTTCCATCCTCGGC
 TTCATGGCCAATCACCTGGGCGTGGATGTGTCCGTGTGGCAGACCACGGCCCTGGCCTGGCCTTCGTGG
 CTTACCCCGAGGCCCTCACACTACTTCCCATCTCCCCGCTGTGGTCTCTGCTCTTCTTCTTCATGCTTAT
 CCTGCTGGGGCTGGGCACTCAGTTCTGCCTCCTGGAGACGCTGGTCACAGCCATTGTGGATGAGGTGGGG
 AATGAGTGGATCCTGCAGAAAAAGACCTATGTGACCTTGGGCGTGGCTGTGGCTGGCTTCTGCTGGCA
 TCCCCCTCACCAGCCAGGACAGGCATCTATTGGCTGCTGCTGATGGACAATATGCGGCCAGCTTCTCCTT
 GGTGGTATCTCCTGCATCATGTGTGTGGCCATCATGTACATCTACGGGCACCGAACTACTTCCAGGAC
 ATCCAGATGATGCTGGGATTCACCACCCTCTTCTTTCAGATCTGCTGGCGCTTCGTCTCTCCCGCCA
 TCATCTTCTTTATTCTAGTTTTCACTGTGATCCAGTACCAGCCGATCACCTACAACCACTACCAGTACCC
 AGGCTGGGCGTGGCCATTGGCTTCTCATGGCTCTGTCTCCGCTCCTGTCATCCCCCTCTACGCCATG
 TTCGGCTCTGCCGCACAGACGGGACACCCTCCTCCAGCGTTTAAAAATGCCACAAGCCAAGCAGAG
 ACTGGGGCCCTGCCCTCCTGGAGCACCGGACAGGGCGCTACGCCCCACCATAGCCCCCTCTCCTGAGGA
 CGGCTTCGAGGTCCAGCCACTGCACCCGACAAGGCGCAGATCCCCATTGTGGCAGTAATGGCTCCAGC
 GCCTCCAGGACTCCCGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Reconstitution Method:

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_001261380.2](#)

RefSeq Size: 3183 bp

RefSeq ORF: 1914 bp

Locus ID: 6536

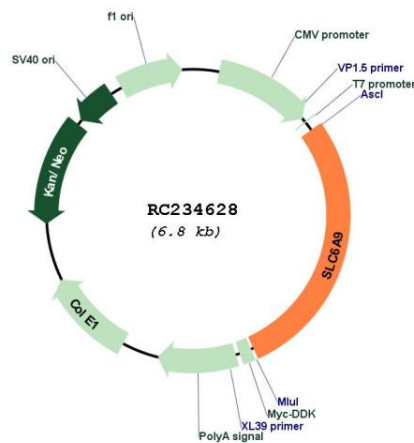
Cytogenetics: 1p34.1

Protein Families: Druggable Genome, Transmembrane

MW: 71.1 kDa

Gene Summary: The amino acid glycine acts as an inhibitory neurotransmitter in the central nervous system. The protein encoded by this gene is one of two transporters that stop glycine signaling by removing it from the synaptic cleft. [provided by RefSeq, Jun 2016]

Product images:



Circular map for RC234628