

Product datasheet for **RN212126**

Slc5a12 (NM_001108588) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a12 (NM_001108588) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a12
Synonyms:	RGD1311652
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212126 representing NM_001108588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCTGTGAAGAGCTTTGAAGCGTGGGATTATGTTGTGTTGCAGCCCTCTTTGCATTTCCTCTGGAA
 TTGGCGTGTCTTTGCCATAAAGGAAAGAAAAAGACAACATCTCGGGAGTTCTTAGTAGGGGAAGGCA
 AATGAGCTTTGCCCTGTAGCTTTGTCTTTAACAGCCAGCTTTATGTCGGCTGTCACTGTCTGGGACG
 CCTGCTGAAGTCTACCGTTTGGGGCATCTTCCTCATCTTCCTCATTTTCATATGCATTTGTGGTCTTCT
 TCACATCTGAGCTCTTTCTCTGTGTTCTACAGATCTGGCATCACAAGCACCTATGAGTACTTACAGCT
 CCGATTCAATAAGCCAGTTCGCTATGCAGCAACCATTATCTACATCTGCAGACGATTCTACACGGGA
 GTCGTGGTCTATGCCCTGCTCTGGCTCTCAACCAAGTGACCGGTTTTAATCTATGGCCTCTGTGTTG
 CAACAGGAATCGTTGCACATTCTATTGAGTTTGGGAGGTTTAAAGCAGTGGTGTGGACAGATGCATT
 TCAGATGGTTGTCATGATTGTGGGTTTCTAACAGTCTCATTCAAGGATCAAATCATGTTGGTGGCTTC
 GACAATGTATTAGAACAAGCACGAAATGGATCCCGTTAGACATTGTTGACTTTGATGTAGATCCTCTCA
 GACGGCATACTTTTTGGACAATTGCAGTGGGAGGAACCTTTACTTGGCTTGAATCTATGGAGTGAACCA
 ATCAACCATCCAAAGATGCATCTCTTGCAAAACAGAAAAGCATGTAAGCTTGCCTTGTACTTTAATTTG
 TTGGGTCTCTGGATAATTGTGGTGTGTGCCGTCTCTGTGGCTTGATCATGTACGCCTACTACAAGGATT
 GTGACCCTTGGACTTCTGGTGCTATTTTGGCACCAGACAGCTGATGCCATATTTTGTATGGAGATTTT
 TGCAACTATGCCAGGGCTGCCAGGACTTTTGTGGCTTGTGCTTTAGTGAACCTCTGAGCACAGTGGCT
 GCCAGCATCAATGCCTTAGCAACAGTGACCTTTGAGGATTTTGTCAAGAGCTGTTTCCACATCTCTCGG
 ACACGCTGAGTACCTGGATCAGTAAAGGCTTATGTCTCCTTTTCGGTATTATTTGTAATCCATGGCCGT
 GCTTGATCCCTCATGGGAGTGTTGTCCAGGCTGCCCTCAGTATCCATGGCATGTGTGGTGGACCGATG
 CTAGGTTTATTCACTTTGGGACTCGTGTTTCTTTGTAACTGGAAGGGTGCTTAGGCGGTCTTCTCA
 CTGGAATCACATTGTCTTCTGGTGGCATTGGAGCTTTTGTACCCTGCACCAGACTCTAAGACGTT
 ACCTTTGCCTCTATCAACAGAATTTTGTGTCCAACAAAACAAAACAAACAGAAGCCTACCAGCTTTCC
 AGCAGGCTGTGTAGCTGACACTTGGTATTACTCTCTACCTTTACTTCAGTGCTGTGGGCTGCCTGG
 GATGTATAGCTGCTGGAATAATCATCAGCTTCTGACAGGCAGGCAAAGAGGCAAAGATGTTGACCCACT
 TTTAATAAGACCAGTTTCAACTATTTTGTCTTTTGGTCTAAGAAATACAAAACCTGTGTTGGTGTGGA
 GTTCGGCATGATCAGGAAACAGAGCAGGATTACCTTGACAGTGGCAGTGCCTGGAACAAGGAGTTGAAT
 CTGGCCTACAGAATGGACTCAAGCAAGACACCCTATCTCAGATTCGGCCTACAACCCCAAGACAAAAG
 CTACCCCAAAAGTGTGCAGGAGAAGACCACTTATTTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001108588

Insert Size: 1860 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:

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_001108588.1, NP_001102058.1

RefSeq Size: 3980 bp

RefSeq ORF: 1860 bp

Locus ID: 362188

Cytogenetics: 3q34