

Product datasheet for **RN206828**

Slc22a22 (NM_001013947) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a22 (NM_001013947) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a22
Synonyms:	oat-pg; RGD1304605
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN206828 representing NM_001013947
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCTTTTGATGAAATTCTACATCATGTAGTGACCGTGAAGATTTTCAGATTTGGATGATTGTTGTTCT
 TCAACATTTTATCTATGGTGTCTCTTCATGATGTCATAGAGAATTTACAGCAGCCATTCTGCTCA
 TCACTGCAGTGTAACCTTCTTGACACGTCAAGATCTGAAATTAGTATGGCCATGAACCTGACTACTGAA
 GCTATGATGAAGGTCTCCATCCCAATGGGCCAAATCAGAAACCTGAACAATGCCGACGCTTTCGGCACC
 CTCAATGGCAATTCATAGATTCCAATATATCAACTTCTAACAGCACTGAGCTAGAGACTGAGCCTTGCTT
 AGATGGATGGACGTATGACCACAGTGTCTTACTTCTACCATTGTCACTGAGTGGGATTTAGTATGTGAT
 TTTCACTGATTCAAATACTATGCACAAGCCACCTCTTGGCAGGGCATTGTTGGCTGCTCTTTCTGTG
 GCATTATTTCTGATAGGTTTGAAGAAAGCCATTGTTGATGATTGTTCCCTAGCCTATGGGATTTTGGG
 GACCTGCTGTGCCTTTGCCCAATTTCTCCTGTACTGTGTTTGGAGATTCTGTCATCTGCCTCTGCA
 AGTACTGTTGGGATGAACGTGCTTATTCTGTTTTAGAAGAAACATCGGTACAGTGGCACGCCACAGTCA
 TAGTACTCAGTGGACTGTTCAAGCACTGACCTGGCTGGGCTGGGGGACTAGCATATGTGCTTTTCAGA
 TTGGCACTTAATCAACTTACATCTGCCTTGCCCTACTTCATCTTTTTATTTGTTCTGCTGGGTGCCA
 GAATCAGCCCGGTGGCTCATGATTACAGGAAAAACAGATCAAGCATTGAAGGAATCCAGAGAATTGCCT
 CCATCAATGGGAAGAAAGACATTGCACAAAATCTAACCCTGAGGACTTGCGATCCAAAGTTAAGGAAGA
 TGTGTGTTCAACTGTAAGCATTTCAGTATAAAGGACATCATTATTAATCCCATGATACGTAATAATCGTG
 CTTTGTTATTCCAGTGTACTTTTTGCAGAACTTTTAGCATTTTTGGCCTCTTGTGGATGTTTACATGT
 TGGGAAAGAACATATTCGTGACCCAGATTCTCCTAGGAGTGATAGACATACCCAGTAAATCACTCACATA
 TTTTATATTAAGAAATGTAAGACGTGCTCCTTTAATTGCTTTTTTGGCTCTTGGCACTGGAGGTTGATT
 ACCATCACCATGTTTCTCTCTGAAGACATGTATGTCTTGCGTCTTGCTATTTTCATTTTGGGAAAAGGAT
 GTTTTGCAGCTTTCATTTCTATAAACACAGCCTACTGCAATGAACCTTTCACCACTGAGTCAAC
 TCTAAATGGTATTTATATCTGTTGCTCGATTAGCATCAGTCTGTCTGCACTAACACTGTTACTAGA
 AAGTATTTTGTACTTCTCCCATGATTTTCTGTGGAGTCTACCCATAGTGGCAACAATCAACATCTACT
 TTCTGCCAGAGACCTTTAATCATCCAATTACTGACACTATCAAGGATATGGAGAAAAGAACAGATTGAT
 GAGCAAAAACATCAGTAAAAAGAAGACAAGACTTTTGTAGAACTACCAACTGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013947

Insert Size: 1668 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_001013947.1](#), [NP_001013969.1](#)

RefSeq Size: 1855 bp

RefSeq ORF: 1668 bp

Locus ID: 299944

Cytogenetics: 7q33