

Product datasheet for **RR200221**

Slc15a1 (NM_057121) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc15a1 (NM_057121) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc15a1
Synonyms:	Pept1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR200221 representing NM_057121
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGATGTCCAAGTCTCGGGTTGCTTTGGCTACCCATTGAGCATCTTCTTCATCGTGGTCAATGAAT
 TCTGTGAAAGATTCTCCTACTATGGGATGCGAGCTCTCCTGGTTCTGTACTTCAGGAACTCCTTGCTG
 GGATGATGACCTCTCCACGGCCATCTACCATACGTTTGTGCCCCTCTGCTACCTGACTCCAATTCTTGGA
 GCTCTGATCGCAGACTCGTGGCTGGGAAGTTCAAGACAATTGTCTCACTATCCATCGTCTACACGATCG
 GACAGGCCGTCATCTCAGTGAGCTCAATTAATGACCTTACAGACCATGACCACGACGGCAGTCTAAACA
 CCTTCTTTGACGTAGCACTGTCCATGATCGGCCTGGCCCTGATAGCCCTTGGTACAGGAGGAATCAAG
 CCCTGTGTGTCTGCAATTTGGTGGCGATCAGTTGAAGAGGGTCAAGAAAAACAGCGAAACCGGTTCTTTT
 CCATCTTTTATTTGGCTATCAACGCAGGAAGCCTGCTCTCCACGATCATCACTCCCATACTCAGAGTTCA
 GCAGTGGGAATCCACAGCCAACAAGCTTGTTACCCACTGGCCTTTGGGGTTCGGCAGCTCTCATGGCT
 GTTGCCCTAATTGTGTTGTCCTCGGCAGTGGAATGTACAAGAAGTTTCAGCCCCAGGGCAACATCATGG
 GCAAAGTGGCCAAGTGCATTTCGGTTTGCCATCAAAAACAGGTTTCGGCACCGAAGTAAGGCATTTCCCAA
 GAGGAACCACTGGCTGGACTGGGCTAAAGAGAAATACGATGAGAGGCTCATCTCGCAGATTAAGATAATG
 ACGAAGGTGATGTTCTGTACATTTCCCCTCCCCATGTTTTGGGCCTTGTGTTGACCAGCAGGGTCCAGGT
 GGCACTGCAAGCAACGACCATGACTGGGAAAATTGGAACAATTGAGATTCAGCCGGACAGATGCAGAC
 GGTGAACGCCATCTTGATTGTCATCATGGTCCCCATTGTGGACGCCGTGGTGTATCCGCTCATTGCAAAA
 TGTGGTTTCAACTTCACCTCCCTGAAGAAGATGACCGTTGGGATGTTCTGGCATCCATGGCCTTTGTGG
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 TAAGGCTTGAACATTGGAAACAATGACATGGCCGTGATTTTCTGGAAAGAATGTGACAGTTGCCCAA
 ATGCTCTCAGACAGACACATTCATGACTTTCGATGTAGACCAGCTGACAAGCATAAACGTGTCTTCTCCCG
 GATCTCCAGCGCTCACCACGGTAGCTCATGAGTTTGGCCGGTCAACGGCACACCCTTCTAGTGTGGGG
 CCCCAATCTATACCGTGTGGTAAAAGACGGTCTTAACCAAAAGCCAGAGAAAGGGGAGAACGGAATCAGA
 TTCGTCAGCACCTTAACGAGATGATCACCATCAAAATGAGTGGAAAAGTGTACGAAAATGTCACCAGTC
 ACAGCGCCAGCAACTATCAGTTTTTCCCTTCTGGCCAAAAGACTACACAATAAACACCACAGAGATTGC
 ACCAAACTGTTTCATCTGATTTTAAATCTTCCAACCTTGACTTCGGCAGCGCGTACACCTACGTGATCAGA
 AGTAGGGCGAGTGTGGCTGCCTGGAAGTGAAGGAATTCGAAGACATCCCACCAACACGGTGAACATGG
 CCTGCAGATCCCACAGTACTTCTCCTCACCTGCGGCGAGGTGGTCTTCTCTGTACAGGACTGGAGTT
 CTCTATTCCCAGGCCCGTCTAACATGAAGTCCGTGCTTCAGGCAGGATGGCTTCTAACCGTGGCCATC
 GGTAATATCATTGTCTCATTGTGGCTGAGGCAGGCCACTTCGACAAAACAGTGGGCTGAGTATGTTCTGT
 TCGCCTCCTTGTCTGGTCTGCTGCATCATATTTGCCATTATGGCCCGATTCTACACCTACATCAACCC
 AGCAGAGATCGAGGCACAGTTCGATGAGGATGAGAAGAAAAAGGGCGTAGGGAAGGAAAACCCGATTCC
 TCGTTGGAACCTGTCTCACAGACAAACATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_057121.1](#), [NP_476462.1](#)

RefSeq Size: 3032 bp

RefSeq ORF: 2133 bp

Locus ID: 117261

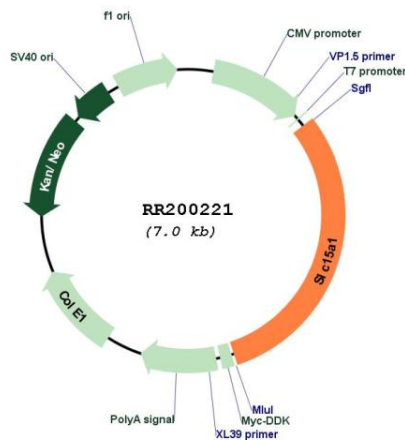
UniProt ID: [P51574](#)

Cytogenetics: 15q24

MW: 78.9 kDa

Gene Summary: acts as a proton dependent peptide transporter; may transport oral beta-lactam antibiotics across intestinal brush borders [RGD, Feb 2006]

Product images:



Circular map for RR200221