

Product datasheet for **RN212390**

Slc22a25 (NM_138908) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Slc22a25
Synonyms:	Slc22a9; Ust1; Ust1r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >RN212390 representing NM_138908
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCTTTTCAGGACCTCCTGAATCAAGTTGGCAGCCTGGGGAGGTTCCAGATCCTTCAGATGACTTTCA
 TTTTGATCTTCAACATAATAATTTCTCCTCATTCTCTATTGGAGAACTTCACAGCAGTCATTCCCAATCA
 TCGCTGCTGGGTCCCCATCCTCGACAATGACACTGTCTCTGGTAATGACAATGGGAACCTGAGCCAAGAT
 GACCTCCTGAGGGTCTCTATCCCCCTGGACTCCGATCTGAGACCAGAGAAGTGTCTGTCGCTTTGTCCAAC
 CACAGTGGGATCTCCTTCATCTAAACGGTACCTTTTCCAGTGTGACAGAGCCAGACAGAGCCCTGTGT
 GGATGGCTGGGTGTATGACCAAGCACCTTTCTTCCACCATTATTACCGAGTGGGACCTGGTGTGTGAA
 TCTCAGTCACTGGATTCAATAGCTAAGTTTCTATTCTTGACTGGTATCTTAGTAGGAAATATCCTATATG
 GCCCCTTAACAGACAGGTTTGGGAGGAGGTTAATCCTTATATGTGCCTCACTGCAAATGGCCGCTCACTGA
 AACCTGTGCAGCTTTTGTCCCACCTTTCTCATCTACTGCTCACTACGATTCTGGCAGGGATTTCTTTC
 TCAACCGTTTTGACCAATAGTGCCTTGCTCATTATAGAATGGACAAGGCCTAAATTCCAAGCCTTGGCAA
 CAGGACTGCTATTATGTGCTGGAGCAATTGGACAGACAGTATTGGCAGGCCTGGCTTTTACTGTGCGAAA
 CTGGCACCACTCCATCTGGCAATGTCTGTACCAATATTTTCTTACTTGTACCCACAAGGTGGCTGTCA
 GAGTCAGCGCGGTGGCTGATTATGACCAACAACTCCAGAAGGGCTTAAAGAACTTATAAAAGTTGCAC
 ACATAAATGGAATGAAGAATTCAACAGATGCTTAACCATTTAGGTTGTGAGAACAATCATGAAGGAGGA
 GCTGGAGGCCTCACAGACAAAATCTTCCCTGTGGGACTTGTCCGTACACCTAACTTGCCTAAGCGGATA
 TGCTTCTGTCCCTTGTGAGATTTGTGGTATGTTATCTGTGATTGGTTTACTGATCAACTTCCAGCACC
 TAAGGATCAATGTCTTCTTATGTCAGTGTCTTCTTGGTATAATCACCATTCCAGCCAATTTAGTTGGAAT
 TTTTTTGGTGAATCACTTGGGTCGCAGAATAAGTCAACTATTTATCATATCCCTGTTTGGAAATTTCCATT
 TTGGCCATAATATTTGTGCCTCAAGAAATGCAGATCCTGCGCATGGTTTGGCAACTTTTGGAGGAGTAT
 TTTCTTTTGTCTCTGTTAGCAGTGTCTTGTGCATGCAATGAGCTACTTCCCACTATAATCAGGGCAAC
 TGCTTTAGGAGTCATTGGAATTGCTGGTAGTACTGGGCGAGCCCTGTCTCCTGTTTATGATCCTTAGG
 ACATACTCTGACTCCTTGGCCTGGATCATCTATGGAGTCCTTTCCTTCTTGGTGGCCTTGTGTCTTTC
 TCCTCCTGAGACCAAGAATCAGCCTCTGCCTGACTCCATACAGGATGTGGAAAATGAAGGAAGAGCCTC
 CAGACAAGGAAAGCAGAATGATACTCTCATCAAGTGACACAGTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_138908

Insert Size: 1659 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_138908.2, NP_620263.1</u>
RefSeq Size:	2595 bp
RefSeq ORF:	1659 bp
Locus ID:	192273
Cytogenetics:	1q43
Gene Summary:	a transport protein; member of the amphiphilic solute facilitator (ASF) family [RGD, Feb 2006]