

Product datasheet for **RN205211**

Ust5r (NM_134380) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ust5r (NM_134380) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ust5r
Synonyms:	MGC114265
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205211 representing NM_134380
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCCTTTTCAGGAACCTCTGAATCAAGTAGGAAGCCTAGGGCGATTCCAGATCCTTCAGATGGCTTTTG
 TTTTTTAAATCAATGTTAGTGTGGTACCTCATAGTACAATTGAGAACTTTACTGCAGCCATTCCCAGTCA
 TCGCTGCTGGGTCCCGATCCTCGACAATGTCACGTCTCTGATAATCACAGCAGAATCCTGAACCAAGAT
 AAACCTCTGAAGATCTCCATCCCCTTGGACTCCCACTTGAGACTAGATAAGTGTCGTCGTTTTGCCAAC
 CACAGTGGCATCTTCTCGATTTGAATGATACTTTCTCCAGTGTACAGAAAGCAGACACTGAGCCCTGTGT
 GGATGGCTGGGTATATGACAGGAGTAACCTTCTTCTACCACTGTGACTGAGTGGGACCTGGTGTGTGAA
 TCTCAGGTAAGTCTGTCACTAAATTTTCTTATGATTGGTGCATTTATAGGAGGTAATGTAAATG
 GACCTCTATCAGACAGGTTTGGGAGGAAGTTCGTTTTAAATGTGCTTTATTACAAATGGCCATCACTGA
 AACCTGTGTAGGTTTTGCTTCCAACCTTCTTCTTATTGCTCATTAAAGATTCTGGCAGGAATGACTTTT
 GAACCCATTCTAGTAAATAGTAACTTGCTCATGTTTGAATGGACAAGCCATAAATTCCTAGCCATGATGT
 CAGTGATGGCACCTTGTGCTGGTAGCTTGGGAAGCATGATATTGGCAGGCTGGCTTTTCAATTTCAAAA
 CTGGCACCACTCCAGCTGGCAATGTCTGTACCAATTTTCTTCTTCTTATACTCACAAGGTGGCTGTCA
 GAGTCAGCTCGGTGGCTCATTGTGACCAACAAACCCAGAGGGCTTAAAGGAACCTAGAAAAGTTGCAC
 ACATGAATGGAATGAAGAATCTGGAGACAACCTAACCATGGAGGTTGTAAGAACAAGTATGAAGAGGGA
 ACTTGAGGCAGGAAGGCGAGACCTTCTCAAGAGACTTGTCCACACACCCATCCTACGTAAGCGGATA
 TGTGCCATGTCTTTATGAGAATTTTATTTATGCTATCAATTTTGGCATGTCACTTCACTCCAACACC
 TGAGTTCTAATATTATGTTGTTGCAGTTTGTGTTAGTGCATCATCTTACTATTCAAGTGTATTGGACC
 TTATGTATTTAATCGGATGGGCCGTAGAATAACCCAAATGGTTGTCATGACCCCTGAGGGGAATCTGTATT
 CTGACTGCTGATTTGTACCTCAAGAAATGCAGATCCTGCGTATTACTGTGGTTACATTGGCAGGAGCAT
 TTTCTGCTCTAAGTTTTGGTGTTAATCGTCTACATACAAATGAACACTTCCCACCACGTTAAGGGCAAC
 AGCTATAGGAGTCATTGGAATGTTTGGTAATAGTGGATTTTCTGGCACCCTGTTTATGATACTAGCG
 TCATATTCTCCCAACTTGCCTGGATCTTCTATGGTGGATTCTCCATCCTCAATGGGTTTACTGTGTTTC
 TCCTTCTGAAACCAAGAATCAGCCTCTGCCTGATTGCATCCATGATATAGGAAATGATTGGGAAGAATC
 AAGACAAGAAATGAAGGAGGATCCCAACCTAAAGTCACACGGTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_134380

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.
RefSeq:	<u>NM_134380.1</u> , <u>NP_599207.1</u>
RefSeq Size:	2079 bp
RefSeq ORF:	1659 bp
Locus ID:	171398
Cytogenetics:	1q43
Gene Summary:	may play a role in transport across a membrane [RGD, Feb 2006]