

Product datasheet for **RN216340**

Slc25a32 (NM_001173334) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a32 (NM_001173334) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a32
Synonyms:	RGD1565789
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216340 representing NM_001173334 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGACAAGCCAGGGCCAGTCGGCGGCCGGGTCGGCGGCATGGAGTGCAGTGTTCCGCCACGTCCGATACG
AGAACCTGGTGGCTGGCGTGAGTGGCGGGTCTTGTCGAATCTGGCGCTGCACCCGCTCGACCTCGTAA
GATCCGCTTCGCTGTGAGTGATGGACTGGAAGTAAGACCAAAATATAAGGAATTTACATTGCTTGGCT
ACCATTTGGAAAGTCGATGGACTACGTGGACTTTATCAAGGAGTAACCCGAATGTGTGGGTGCCGTT
TATCCTGGGACTCTACTTTTCTTTACAATGCCATCAAATCATATAAGACAGAGGGAAGAGCTGAACA
GTTAGAGGCATTAGAGTACCTCATCTCAGCTGCTGAAGCCGAGCCATGACTCTCTGCATTACAAACCCA
TTATGGGTGACGAAAACCTCGCCTTATGTTACAGTATGGTGGTGTGTTAACCCCTTACAGAGACAGTATA
AAGGAATGATTGATGCACTTGTGAAGATATATAAATGAAGGTGTACGTGGATTATACAAGGGATTTGT
CCCTGGACTGTTTGAACATCACATGGTGCCCTTCAGTTTATGGCATATGAAGTGCTAAAGTTGAAGTAC
AACAAACACATCAATAAATTACCGGAAGCCAGCTGAGCACAGCAGAATACATCTCTGTTGCAGCACTAT
CCAAAATATTTGCGGTGGCAGCAACATACCCGATCAGGTTGTGAGAGCCCGTCTTCAGGACCAGCATGT
GTCTTATGGCGGTGTAACCGATGTGATCACAAGACGTGGAGGAAAGAAGGCATCGGTGGATTTACAAA
GGAATTGCCCAATCTAATTAGAGTGACTCCAGCCTGCTGCATCACCTTTGTGGTTTATGAAAATGTCT
CTCACTTTTATATGACCTTAGAGAAAAGAAAGTGAGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001173334



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Insert Size:	951 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001173334.1, NP_001166805.1</u>
RefSeq Size:	2348 bp
RefSeq ORF:	951 bp
Locus ID:	315023
Cytogenetics:	7q31