

Product datasheet for **RN216670**

Slc35a5 (NM_001191927) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc35a5 (NM_001191927) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc35a5
Synonyms:	RGD1564361
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216670 representing NM_001191927
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGAGTGCTCTTTTTAAGACAATTTAAAAAAGCAGTGAATGGAAAGAAAATGCTTCAGGCGCCCCG
 GGTTAGGCCACCGACTCTGTACACATTCCTGTTAGGTGTCATATTCATCACTCTAAGTTCAAGTCGCAT
 CTTACTGGTCAAATACTCTGCCAACGAAGAGAACAAGTATGACTACCTCCCTACTACTGTGAATGTGTGC
 TCAGAGCTGATGAAGCTGATTCTCTGTATACTTGTGTCCCTCTGCATTGTGAAGAAAGAAGATCATCAA
 GTAAACATGTGAGATGTACTTCTGGAAGGAATTCCTCGGTTTCTGAAGTGGTCCATTCTGCCTTCT
 GTACTTCTGGACAATTGATTGTCTTCTATGCTCTATCCTATCTTCAGCCTGCCATGGCTGTATCTTC
 TCGAATTTTAGCATTATAACAACAGCTCTTCTCTTCAGGATAGTGCTGAAGCGGCATCTAACTGGATCC
 AGTGGGCTTCCCTCTGATTCTGTTCTTGTCTATCGTCGCCCTAACTGCCAGTACCAAAACGTCACAGCA
 TGACTTGGCAGGACATGGATTTTCATCACGATGCCTTCTTCACCCCATCTAATTCCTGCCTTCATTTCAGG
 AGAGACTGTTCCCTAGGAGACAATTGTACATCGAAGGAGTGGGCTTTCAGCGACGTCAGTGGAACAGCA
 CAGCCAGAGTCTTTAGTCACATCCGTTTGGGCTTGGGCCACGTTCTGATTATAGTTCAAGTGTATTTTC
 CTCAATGGCCAATATCTACAATGAGAAGATCCTGAAGGAAGGGACACAGCACACTGAGAGCATCTTCATA
 CAGAATAGCAAGCTTTATTTCTTTGGCATTGTGTTTAAACGGGCTGACCCTGGTCTTCAGAGCAGTAATC
 GTGATCAGATTGAGAAGTGGGTTTTTTATGGCCACAATGCATTTTCAGTAGTCCTTATTTTTGTGAC
 TGCCTTCCAGGGCCTTTCAGTGGCTTTTATCTTGAAATCTTAGATAACATGTTTCATGTCTTGATGGCC
 CAGGTGACAATGTCATCATCACACAGTGTCCGTCTGGTCTTTGACTTCAGGCCCTCTCTGGATTTT
 TCCTAGAAGCCCCATCAGTCTCTCTCCATATTTATTTATAATGCTAGCAAGCCTCAACATCTAGAATG
 TGCACCTAGGCAAGAAAGGATCCGAGAGCTAGGTGGCAATCTTTGGGAGCGTTCCAGTGGGGATGGAGAA
 GAGCTGGAACGACTTACCAAACCAAGAGCGATGACTCAGATGACGACACTTTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191927

Insert Size: 1317 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: [NM_001191927.1](#), [NP_001178856.1](#)

RefSeq Size: 2079 bp

RefSeq ORF: 1317 bp

Locus ID: 498081

Cytogenetics: 11q21