

## Product datasheet for **MR206961**

### **Slc35a5 (NM\_028756) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc35a5 (NM_028756) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc35a5
Synonyms:	1010001J06Rik; AU021179; BB097433; D16Ertd450e; D730043G07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR206961 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAGTGATCTTCTTAAGCAATTA AAAACCCGTGGAATGAAAGAAAATGCTCCAGGCGCCCTGGGT  
 TAGGCCACCAACGCTGTACACATTCCTGCTAGGCATGATATTCATTACTCTAAGTTCAAGTCGAATCTT  
 ACTGGTAAAATACTCTGCCAATGAAGAGAACAAGTATGACTATCTCCCTACCACTGTGAACGTGTGCTCA  
 GAGCTGATGAAGCTGATTCTCTGTATACTTGTGCTACTCTGTGTTATAAAGAAAGAAGATCATCAAAGTA  
 GACATTTGAGATGACTTCTGGAAGGAATTCTCAAGTTTCATGAAGTGGTCCATTCCTGCCTTTCTGTA  
 CTTCTGGACAATTGATTGTCTTCTATGTGCTGTCTATCTTCAGCCTGCCATGGCTGTTATCTTCTCG  
 AATTTTAGCATTATAACAACAGCTCTTCTATTCCAGGATAGTGTGAAGCGGCATCTGAACGGATCCAGT  
 GGGCATCCCTCCTGATTCTGTTCTGTCTATCGTGGCCCTAACAGCCAGTACAAAACGTCACAGCATGA  
 ATTGGCAGGACATGGATTCATCATGATGCCTTCTCACCCATCTAATTCCTGCCTTCATTTAGGAGA  
 GACTGTTCCCTAAGAGACAATTGTACATCGAAGGAGTGGACTTTCAGTGAAGTCCAGTGGACACCCACAG  
 CCAGAGTTTTTAGTCACATCCGTTTGGGCTTGGGCCACGTTCTGATTATAGTTCAATGTTTTATTCTTC  
 AATGGCCAATATCTATAATGAGAAGATCCTGAAGGAGGGGACACAGCTCACTGAGAGCATCTTCATACAG  
 AATAGCAAGCTTTATTTCTTTGGCATTGTTTTAATGGGCTGACCCTGGTCTTCAGAGCAGTAACCGTG  
 ACCAGATTCAGAACTGTGGGTTTTTTATGGCCACAATGCATTTTCAGTAGTCTTATTTTCGTGACTGC  
 CTTCCAGGCGCTTTCAGTGGCTTTATCTTGAAATTCCTAGATAACATGTTTCATGTCTTGATGGCCAG  
 GTGACAACGTGCATCATCACACAGTGTCCGCTGGTCTTTGACTTCAGGCCCTCCCTGGATTTTTTCC  
 TAGAAGCCCATCAGTTCTCCTCTCCATATTTATAATGCTAGCAAGCCTCAAATCTAGAGTGTGC  
 ACCTAAGCAAGAAAGAATCCGCCATCTGAGTGGCAGTCTTTGGGAGCGTTCAGTGGGGATGGAGAAGAG  
 CTGAAAAGACTTACCAAACCTCAAGAGTGATGACTCAGATGACGACACTTTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR206961 protein sequence  
 Red=Cloning site Green=Tags(s)

MKVIFLRQLKTRGMERKCSRRPGLGPPTLYTFLLGMIFITLSSSRILLVKYSANEENKYDYLPPTVNVCS  
 ELMKILICILVSLCVIKKEDHQSRHLRCTSWKEFSSFMKWSIPAFLYFLDNLIVFYVLSYLPAMAVIFS  
 NFSIITALLFRIVLKRHLNWIQWASLLILFLSIVALTASTKTSQHELAGHGFHDAFFTPSNSCLHFRR  
 DCSLRDNCTSKWTFSEVQWNTTARVFSHIRLGLGHVLIIVQCFISSMANIYNEKILKEGTQLTESIFIQ  
 NSKLYFFGIVFNGLTLVLQSSNRDQIQNCGFFYGHNAFSVVLIFVTAFAQLSVAFILKFLDNMFHVLMAQ  
 VTTVIIITTVSVLVDFRPSLDFLEAPSVLLSIFIYNASKPQNLECAPKQERIRHLSGSLWERSSSGDGEE  
 LERLTKLKSDDSDDDL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



ACCN: NM\_028756

ORF Size: 1314 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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\\_028756.1](#), [NM\\_028756.2](#), [NM\\_028756.3](#), [NM\\_028756.4](#), [NP\\_083032.2](#)

RefSeq Size: 4200 bp

RefSeq ORF: 1314 bp

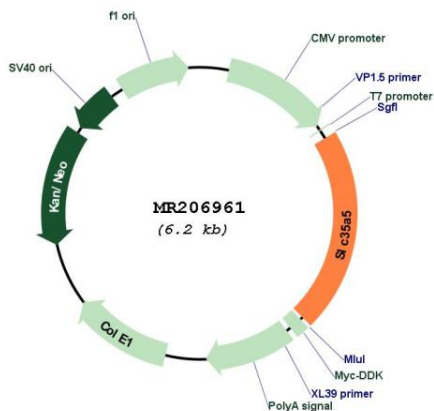
Locus ID: 74102

UniProt ID: [Q921R7](#)

Cytogenetics: 16 29.44 cM

MW: 50.1 kDa

**Product images:**



Circular map for MR206961