

## Product datasheet for **RR212811**

### Slc35d1 (NM\_001106668) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slc35d1 (NM\_001106668) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Slc35d1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR212811 representing NM\_001106668  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGGCCCGCCGAAACGCTAACGGTGTCTGAAGCTACTGGCTGCCGGTTTCTACGGCGTGAGCTCCT  
TTCTCATCGTGGTCAACAAGAGCGTGCTACCAACTACAGATTTCCATCCTCGTATGTGTTGGACT  
TGGCCAGATGGTGGCCACGGTAGCAGTTCTCTGGGTGGAAAGGCACTCAGAGTAGTCAAGTTTCCTGAC  
TTTGACAGAAATGTACCTCGAAAGACGTTTCCACTACCTCTGCTCTATTTGCGGAACCAAATCACGGGAC  
TGTTACAGCACAAGAAACTGAACCTGCCATGTTTACAGTCTGAGAAGTTCTCCATTCTGTTTACAAT  
GTTTGCTGAAGGCGCTCTACTTAAGAAGACTTTCTCTGGGGTATTAAGATGACTGTATTCGCCATGATC  
ATTGGGGCCTTCATAGCCGCCAGCTCTGACTTGGCCTTTGATCTGGAAGGATATGTTTTATTTGATCA  
ATGATGTCCTGACAGCAGCAAATGGTGATATGTGAAACAGAAGTTAGATTCGAAAGAGCTGGGAAAATA  
TGGTCTGCTCTATTACAATGCACTGTTCATGATCTGCCACCCTGGCCATTGCGTATTTACAGGAGAT  
GCACAAAAGGCAATGGAGTTTGAGGGCTGGGCCGACGCCCTGTTCTGCTGCAGTTCACCCTCTCCTGTG  
TGATGGGGTTCATCTTGATGTATGCTACAGTACTCTGACTCAGTATAACTCTGCTCTGACCACAACAAT  
AGTCGGCTGCATTAAGAATATATTAATAACTTATATCGGAATGGTCTTTGGTGGAGATTATTTTCACG  
TGGACAAATTTTATTGGCCTAAATATCAGTATTGCTGGAAGCCTGGTGTATTCTTACATCACTTTACCCG  
AAGAGCAGCTGAGCAAACAGTCAGAGACCAGTAACAAGCTGGACACTAAGGGGAAAGGAGCAGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR212811 representing NM\_001106668  
 Red=Cloning site Green=Tags(s)

MAPAETLTVFLKLLAAGFYGVSSFLIVVVKSVLTNYPSSLCVGLGQMVATVAVLWVGKALRVVKFPD  
 FDRNVPRKTFPLPLLYFGNQITGLFSTKKNLPMFTVLRRF SILFTMFAEGALLKKTFSWGKMTVFAMI  
 IGAFIAASSDLAFDLEGYVFILINDVLTAAANGAYVKQKLDKELGKYGLLYNALFMILPTLAIAYFTGD  
 AQKAMEFEGWADALFLLQFTLSCVMGFILMYATVLC TQYNSALTTTIVGC IKNILITYIGMVFGGDYIFT  
 WTNFIGLNI SIAGSLVYSYITFTTEEQLSKQSETS NKLDTKKGAV

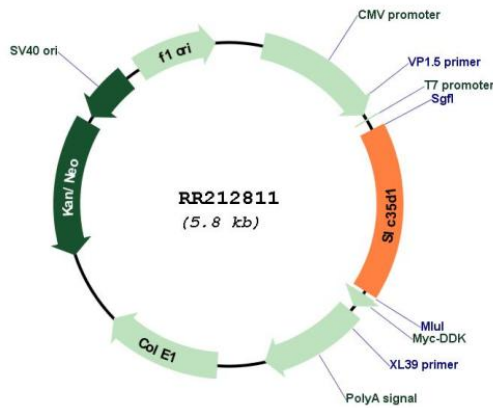
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001106668

<b>ORF Size:</b>	975 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001106668.2</a> , <a href="#">NP_001100138.1</a>
<b>RefSeq Size:</b>	3043 bp
<b>RefSeq ORF:</b>	978 bp
<b>Locus ID:</b>	298280
<b>Cytogenetics:</b>	5q33
<b>MW:</b>	35.9 kDa