

## Product datasheet for **RN212352**

### **Slc26a2 (NM\_057127) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc26a2 (NM_057127) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc26a2
Synonyms:	Dtdst
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212352 representing NM\_057127  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCTTCAGAAAATAAAGAGCAGCATAATCTTTACCAAGGACTTACCTGAAGAAGCCTATGGCTTCC  
 CACCTGAGCTCCCCCTGGGGCTCAAAGAGGATCAAGCACTGACTTAAGGCAGTTTGAGCCAGTGATCG  
 GAGAAGAGCTTTTCGTAGGATCCACATGGAACCTCATGAGAAACCAGATACTAACATCAGACAGCTTGTC  
 ATGAGAAAGCTTCAGAAGAGTTGCCAGTGAATGCAACCAAAATCAGAAATAGGATTTTTGATTTTTTTC  
 CTGTTTTGAGGTGGCTCCAAAAATGATCTGAAGAAAAACATTTTAGGTGACATGATGTCTGGCCTGAT  
 TGTGGGTATATTGTTGGTCCCCAGTCTATTGCTTACTCCCTGTTGGCTGGCCAGAACCTATCTATGGT  
 CTGTACACATCATTTTTTCCAGCATTATTTACTTCTGTTTGGTACCTCCGCCACATCTCTGTGGCA  
 TTTTTGGAATACTGTGCCTTATGATTGGTGAGGTAGTTGACCGAGAATACATAAAGCCTGCCCTGACAT  
 TGATACTACATCATCTTCCATAGCAATGTTTTCAAATGGATGTGTGGTAGTAAACCATACATTAGACGGA  
 CTCTGTGACAAAAGCTGTTATGCAATTAATAATGGCAGCACTGTGACATTCATGGCTGGAGTTTATCAGG  
 TAGCCATGGGCTTCTTCAAGTGGGCTTTGTGTCTGTCTACCTCTCAGATGCCTTCTGAGCGGGTTTGT  
 CACTGGTGCCTCCTTACCATCCTCACGTCTCAGGCCAAGTACCTCCTGGGGCTGAGCCTTCTCGGAGC  
 AATGGTGTAGGCTCAGTCATTACTACCTGGATCCACATCTTCAGAAAATTCATAAGACCAACATCTGTG  
 ACCTCATCACCAGCCTTTTGTGTCTCCTGGTCTTGTGCCAACCAAGAAGTCAACGAATACTTCAAGTC  
 CAAGTCCCGGCCCAATTCCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCA  
 AAATCAATGAGAATTACAATCCAGTATTGCCGGGCAAAATCCACCGGGTTTATGCCACCCCAAGCGC  
 CAGACTGGAGCCTCATTCTAATGTGGCTGTTGATGCCATAGCTATTTCTATCATTGGTTTTGATATCAC  
 TGTATCATTCTGAGATGTTTTGCCAAGAAACATGGCTACACGGTGAAAGCCAATCAGGAAATGTATGCC  
 ATTGGCTTTTGAATATCATACCCTCCTTCTTCCACTGCATAACTACTAGTGCCGCCCTTCAAAGACAC  
 TGGTTAAAGAGTCAACAGGTTGCCAGACCAACTGTCCGCTATAGTGACATCCCTCGTCTTCTGTGGT  
 CCTTCTGCTAATAGTCCCTTATTCTATCCCTCCAAAAATGTGTCTTGGTGTGATCACCATTGTAAT  
 CTCCGGGTGCACTTCTGAAATTTAGAGACCTGCCAAGATGTGGAGGCTCAGCAGAATGGACACAGTTA  
 TCTGGTTTGTGACGATGCTGTCTCTGTGTTAAGCACTGAAATAGGCCTGCTCGTTGGGTTTGT  
 TTCAATGTTTTGTGTATTCTCCGTAAGTCAAGATTTCACTGCTTGGTTTGAAGAAGAATCT  
 GAAATCTTCGAGTCCATCTCCTTACAAGAACCTTCGGAGTAAAGTCAAGGATCAAGTTTTCCGCTTCA  
 TAGCCCTCTCTACTACATAAACAAAGAATGCTTTAAATCAGCTTTGTACAAGAAAACGCTAAACCCAGT  
 CTTGGTAAAAGCAGCCTGAAAAAGGCAGCAAAAAGGAAACTGAAAGAGGAAACAGTGACTTTCCATGGG  
 GACCCGGATGAAGTCTCAATGCAGCTTTCCCATGATCCCTTGGAGCTGCACACCGTTGTGATTGACTGTA  
 GTGCAATACAGTTTTTGGATACAGCAGGGATCCACACACTGAAAGAAGTTCGCCGGGATTATGAAGCCAT  
 TGGTATCCAGTTTTACTGGCTCAGTCAATCCTTCTGTGAGGGATTCTTAGCCAAAGGAGAATATTGC  
 AAAAAGGAAGAAGAAAATCTTCTCTTCTACAGTTTGTCTGAAGCAGTAGCTTTTGCAGAAGAGTCTCAGA  
 AGGAGAAAGGAGTGTGTGGTCAATGGTTTGAAGTCTTCTGGTGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_057127  
**Insert Size:** 2220 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).

<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>	<u><a href="#">NM_057127.1</a></u> , <u><a href="#">NP_476468.1</a></u>
<b>RefSeq Size:</b>	2877 bp
<b>RefSeq ORF:</b>	2220 bp
<b>Locus ID:</b>	117267
<b>UniProt ID:</b>	<u><a href="#">O70531</a></u>
<b>Cytogenetics:</b>	18q12.1
<b>Gene Summary:</b>	sulfate transporter; may be involved in endochondral bone formation [RGD, Feb 2006]