

Product datasheet for **RN204881**

Slc27a5 (NM_024143) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc27a5 (NM_024143) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc27a5
Synonyms:	BAL; rBAL-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204881 representing NM_024143
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGTTTGAAGAAGAACTAACCTTCTTGCTGCTGTCGCTGCTTCTCCTGGTTGGCCTGGGGCAGCCCC
 TGTGGCCAGCAGCTACGGCTCTGGCCCTGCGTTGGTTCCTGGGAGACCCACGTGCTTTGTGCTGCTTGG
 CTTGGCATTCTGGGAGACCCCTGGATCAGCTCCTGGATACCCCACTGGCTGAGCCTGGCAGCAGCAGCT
 CTCACATTATCCCTATTGCCTCCACGGCCACCCCAAGAACTTCGCTGGCTGCACAAAGATGTGGCCTTCG
 CCTTCAAGTTGCTTTTCTATGGCCTGAACCTCAGGCGACGCCCTAACAGACATCTCCAGAACTCTTTGT
 GGATGCTTTAGAGCAGCAAGCACAGGCCCGCCCTGACCAGGTGGCCTTGGTGTGTACTGGGTCTGAGGGC
 TGCTCAATCACAATAGGGAGCTGAATGCCAAGGCCTGTCAAGCAGCATGGGCCCTGAAAGCAAAGCTGA
 AGAAGCCACAATCCAGGAGGACAAAGGCCTACTGCTATTTTAGTACTCCCGTCCAAGTCCATTTCTGC
 TCTGAGTGTGTTTCTGGGTTTGGCCAAGTTGGGCTGCCCTGTGGCCTGGATCAATCCACACAGTCGAGGA
 ATGCCCTTGCTACACTCTGTGCAGAGCTCTGGGGCTAGTGTGCTGATTGTGGATCCAGACCTCCAGGAGA
 ACCTGGAAGAAGTCCCTCCCAAGCTGCTAGCTGAGAACATTTCGATGCTTCTACCTTGCCACAGCTCACC
 CACTCCGGGCGTAGAGGCTCTAGGAGCTGCCCTGGACGCTGCACCTTCTGACCCAGTGCCTGCCAAGCTT
 CGTGCTAATAAAGTGGAAATCCCCAGCCATATTCATCTATACTTCAGGGACCACTGGACTTCCAAAGC
 CAGCCATCCTATCACATGAGCGGGTCATACAAATGAGTAACGTGCTGTCTTTTGTGGGAGAACAGCTGA
 TGATGTGGTCTACAATGTTCTACCTCTGTACCATTCGATGGGGCTGTCTTGGAGTCTCGGCTGCTTA
 CAACTTGGAGCCACCTGTGCTCTGGCCCCAAGTCTCTGCTTCCCGATACTGGGCTGAGTGCCGGCAGT
 ACAGTGTGACAGTGGTCTGTATGTGGTGAAGTCTCGGATACTTGTGTAAATGTCCAGGGCAACCAGA
 AGACAAGAAACATACAGTGGGTTTCGATTGGGCAATGGACTTCGGGCAGACGTGTGGGAAACTTCCAG
 CAACGATTTGGTCCCATTAGATCTGGGAACTCTACGGCTCCACAGAGGGCAACGTGGGCTTAATGAACT
 ATGTGGGGCACTGCGGGGCTGTGGGCAAGACCAGCTGCTTCATTGCAATGCTGACTCCCCTTGAGCTTGT
 ACAGTTTGACATAGAGACGGCAGAGCCTGTGAGGGACAAACAGGGTTTTTGCATCCCTGTGGAGACAGGA
 AAGCCAGGACTTCTTTTACCAAGATTCGAAAGAACCAACCTTCTGGGCTACCGTGGTCCCAGGATG
 AAACCAAGCGGAACTGGTTGCGAACGTACGGCAAGTAGGAGACCTCTACTACAACAGGGGATGTGCT
 GGCCTTGGACCAGGAAGGCTTCTTCTACTTCCGAGACCGCCTTGGTACACCTTCCGGTGAAGGGTGAA
 AATGTATCCACTCGAGAGGTGGAGGGTGTGTTGTCTATCTAGACTTCTAGAGGAAGTCAATGTCTATG
 GTGTGACTGTGCCAGGGTGTGAGGGTAAGTGTGGCATGGCTGCTGTGAAACTGGCTCCTGGGAAGACTTT
 TGATGGGCAGAAGCTCTACCAGCATGTCCGCTCCTGGCTCCCTGCCTATGCCACACCTCATTTTCATCCGT
 ATCCAGGACTCCCTGGAGATCACAACACCTACAAGCTAGTGAAGTCAACTGGCGCGTGAGGGTTTTG
 ATGTGGGGTCAATTGCTGACCCTCTCTACATACTGGACAACAAGGCCGAAACCTTCCGGAGTCTGATGCC
 AGATGTGTACCAGGCTGTGTGTGAAGGAACCTGGAAGCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024143
Insert Size: 2073 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).

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:	<ol style="list-style-type: none">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_024143.2</u> , <u>NP_077057.1</u>
RefSeq Size:	2359 bp
RefSeq ORF:	2073 bp
Locus ID:	79111
UniProt ID:	<u>Q9ES38</u>
Cytogenetics:	1q12
Gene Summary:	catalyzes the first of two steps in the conjugation of bile acids with the amino acids glycine and taurine [RGD, Feb 2006]