

Product datasheet for **SC126276**

SLC22A9 (BC034560) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC22A9 (BC034560) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC22A9
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC034560 edited
 CATTAGAAGCAGCTCTGTATCTATTTAGTGTGTCTTAGTGAAAAAATAGAGATTGCC
 CTAGATGGCCTTTTCAGGACCTTATAATTCAAATTGGCAGCTTGGGGAGGTTCCAGATTCT
 TCACATGATATTTGTGTTAATCTGCCATGCCCTGTGGTCCCTCACACTCTTTGGAGAA
 CTTCACTGCAGCCATTCTAGTCATCGCTGCTGGTCCCCATCCTTGACAATGACACTGC
 CTCTGATAATGGCAGTAGGATCCTGAGCCAAGATGACCTCCTGAGGATCTCCATCCCCCT
 GGACTCCAACCTGAGACCGGATAAATGCCGTGCTATATTCACCACAGTGGCATCTCCT
 TCATCTGAATGGCACCTTCCCCTGTAACAGAGCCAGACACAGAGCCCTGTGTGGATGG
 CTGGGTGTATGACCAAAGCACCTTCTCTCCACCACAGTGACCCAGTGGGACCTGGTGTG
 TGGATCTCAGGCACTGAATTCAGTGGCTAAATTTATATACATGACTGGTATCTTTATAGG
 ATATATCATGGGTGGCCACTTATCAGACAAGTTTGGGAGGAAGCTCATTTTCACGTGCTC
 TTTACTGAAAATGGCCATCACTGAAACTTGTGTAGCTTTTGTCCCTCCTCCTCATCTA
 CTGCTCACTTCGATTCTGTGAGGGATTTTTCTCAACCCTGAGGACAAACAGTGTCTT
 GCTCATATTAGAATGGACAAGTCTAAGTTTCAAGCTCTGGTAATGGCACTGATATTTAT
 TGCTCAGGAGTTGGACAGACACTGTTGGGAGGCTGGCTTTTGTCTTTCGAAACTGGCA
 CCATCTCCAGCTGGCTCTTCTGTTCCAATGTTCTTACTCCTTATCCCACAAGTGGTT
 GTCAGAGTCAGCTCGATGGCTGATTATGGCCAACAACCCAGAAGAGCTTAAAGGAACT
 TAAAAAGCTGCATGCGTAAATAGAATAAAGAATTCTGGAGATGCCCTAACCTTGGAGGT
 TGTGAAAACATCATGAAGGAGGAGTTGGAGGCAGCACAGACAAAACCTCCCCTGGA
 CTTGTTCCGTACACCTAACCTTCGCAAGCGGATCTGTCTCCTATCCTTTGTGAGATTTGT
 GTCAGTGATGTCTTATTTGGCCTGCTTATCAACATCCAATACCTAAGCAATAATGTGTT
 CCTACTGCAGTGTCTCTATGGTGTGGTGTGCATCCCAGCCAATGTTCTTGGAAATTTTC
 AATGAACTACATGGGCCGAGAATGACGCAACTGATTTTCATGTCTGTGTTGGAACTC
 CATTCTGGCTGTGTATTTTTGCCTCAAGAAATGCAGATCCTGCGTGATTTTTGTCAAC
 ATTAGGAGGAGCAATTTCTTCTGCTCTATAACGAGTACTTGTACATGCAATGAGCT
 AGTCCCCACCATAATCAGGGCACTGCTTAGGAGTCGTTGGAATTGCTGGCAGTGTGG
 AGGAGCGCTGTCTCCTACTTATGATCCTCACGACATACTCTGCTTCTTGCCTGGAT
 CATCTATGGGATCTTCCCTTCTTGGTGGCTCGTTGCCCTTCTTCTCCTGAGACCA
 GAATCAGCCTCTGCTGACTCAATCCAAGATATAGAAAATAAGAGGAAAAGCTCAAAGA
 GGCAAAGAAAGATGTGGTTGCCAAAGTACACCATTATAAAGAATTCCAACCGCCTCTG
 ATCAAGGAGAAAAGATGAAAAATATATATCATTACAGCATATCGTGGTCCAGAATTATACC
 TATATGTTAGCAAGATTTTCCATATAAGTCACTGTATAAATAATGAGTTAAATTTAAAT
 TATACTAGTTTGTATGATAAAAATAACTATAATAAAGAAATTTGAATAAATCACAAAA
 AAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC034560 unedited
 GGTTTGATTTTGTATACACTTACTATAGCGGCCGCGNATTCANATCTGGTACCGGTCCG
 GAATTCGCGGATATCGTCGACCACGCGTCCGCATTAAGAACAGCTCTGTATCTATTTA
 GTGTGCTTAGTGAAAAAATAGAGATTGCCCTAGATGGCCTTTTCAGGACCTTATAAT
 TCAAAATGGCAGCTTGGGGAGGTTCCAGATTCTCACATGATATTTGTGTTAATCTGCCA
 TGCCCTGTGGTCCCTCACACTCTTTGGAGAACTTCACTGCAGCCATTCTAGTCATCG
 CTGCTGGTCCCCATCCTTGACAATGACACTGCCTCTGATAATGGCAGTAGGATCCTGAG
 CCAAGATGACCTCCTGAGGATCTCCATCCCCTGGACTCCAACCTGAGACCGGATAAATG
 CCGTCCGTATATTCACCACAGTGGCATCTCCTTATCTGAATGGCACCTTCCCCTGT
 AACAGAGCCAGACACAGAGCCCTGTGTGGATGGCTGGGTGTATGACCAAAGCACCTTCT
 CTCCACCACAGTGACCCAGTGGGACCTGGTGTGGATCTCAGGCACTGAATTCAGTGGC
 TAAATTTATATACATGACTGGTATCTTTATAGGATATATCATGGGTGGCCACTTATCAGA
 CAAGTTTGGGAGGAAGCTCATTTTCACGTGCTCTTACTGAAAATGGCCATCACTGAAAC
 TTGTGTAGCTTTTGTCCCTCCTCCTCATCTACTGCTCACTTCGATTCTGTGAGGGAT
 TTTTCTCAACCCTGAGACAACAGTCTTGTCTCATATTAGATGGACAGTCCCTAGTTTC
 AGCTCTGGTAATGCACTGATATTTATGCCTCAGAGTTGGACGNCAGTGTGA

Restriction Sites: NotI-NotI

ACCN:	BC034560
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:	BC034560.1 , AAH34560.1
RefSeq Size:	1933 bp
Locus ID:	114571
Cytogenetics:	11q12.3
Protein Families:	Transmembrane
Gene Summary:	Sodium-independent organic anion transporter which exhibits high specificity for sulfated conjugates of xenobiotics and steroid hormones. It is also specifically activated by 3 to 5 carbons-containing short-chain fatty acids/SCFAs, including propionate, butyrate and valerate. May operate the exchange of sulfated organic components against short-chain fatty acids/SCFAs at the sinusoidal membrane of hepatocytes.[UniProtKB/Swiss-Prot Function]