

Product datasheet for **MC202693**

Sult4a1 (NM_013873) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sult4a1 (NM_013873) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sult4a1
Synonyms:	2400007A17Rik; AI853543; BR-STL-1; ST4A1; Sultx3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC054757 sequence for NM_013873
 CCGACCCGACGCACCTTTGCGGCAGGCGCGGGCCCTCGGCAACCGACGTCAAGGGCGCGCGTGCCTGGG
 TCGCGCCATGACGTATGCCCGCGGAGCCCCGCGCGCGCCGTGACGTACGCCCTGGAGCTGCGGGCC
 GGGCCGGCGCGGCATGGCGGAGAGCGAAGCGGAGACCCCGGGCACCCCGGGCGAGTTCGAGAGCAAGT
 ACTTCGAGTTCATGGCGTGCAGCTGCCGCCCTTCTGCCGCGGAAGATGGAGGATATCGCCGACTTCCC
 CGTGGCGCCAGCGACGTGTGGATCGTACCTACCCCAAGTCAGGTACAAGCTTGTGCAAGAGGTGGTC
 TACTTGGTGAGCCAGGGTGCCGACCCTGATGAAATCGGCCTGATGAACATTGACGAGCAGCTGCCGGTGC
 TGGAGTACCCACAGCCGGGCTGGACATCATCAAGGAACTGACATCTCCCGCCTCATCAAGAGCCACCT
 CCCGTACCCTTCTGACCTTCCACAATGGGACTCCAAGGTATCTACATGGCTCGAACCC
 AAGACTTGGTGGTATCTACTATCAGTCCACCCTCGTGCAGGACATGAGCTACCGAGGCACCTTCC
 AGGAGTCTGTCGGAGGTTATGAATGACAAACTGGGCTACGGCTCCTGGTTGAGCATGTTTCAAGAAAT
 CTGGGAACATCGAATGGATGCCAACGTGCTTTTCTTAAGTATGAAGACATGCACCGGGACCTGGTGACC
 ATGGTGGAGCAGCTGGCCAGATTCTGGGTGTCTGTGATAAGGCCAGCTGGAGTCTTGATCGAGC
 ACTGTCACCAGCTGGTGGATCAGTGTGCAATGCCGAGGCCCTGCCTGTGGTGGGGAAGAGTTGGGCT
 GTGGAAGGACATCTTACCGTCTCCATGAACGAGAAGTTTGTATAGTGTACAAACAGAAGATGGGGAAG
 TGTGACCTCACGTTTACTTTTATCTATAATACAGAATCCGAGAATTGCATGCTCACGGTCCCGGGAC
 GCTCTACTAGCTAAAAGTCTGTTTGCCTTTTATTCTCGCTGGACACACTCCGGAAGCTGCTTGG
 AAACAGCAGGGGGCGAGCCTGGTGGAGAGACCGAGGAGGAGTGAAGGATGCTGTCTACAGCAGCCGCC
 TGGCCTGGCCATAGTGTGTTGAGTCTCCACATGGTGGCAATACCACACGCACGGGCGAGTGCAAAATGTC
 TGCCCCACACCCCGTGTATTACTATTTTATAGCGCTTTTCACTGAAAGCGGAAATAAATATCTGTGAG
 CCAATAACAAGTGCAATCCAGGGGGAGCAGGAGCGTGTGTCGGGATGCTAGGAAGCTCTCAGGGG
 TCACTGTAATTTTGTAGTCTTTTCTAGGCACAGCCATCCTACCTTGTTCGGAGATCAAGAACGGGT
 TTGGGGGTGGGTGAGCTGGAGAGTTGGTGTGCCTGTGAGTTCAGTCTTTTGAACCATCCTGATA
 CCAAGCCAGGACCTGTCCAGGCCGTTTTTCAAGAACACCTCTAAGCGCGCATCTCTCTCAGCCCCAGCAC
 AGAAGAGCCCAAGGAATGTTTCGGCAGGGAAGCTGGCCGAGGCTGCGGGTGGCATCTGAAGGCACTGGT
 AGGTGTGGAAGAGGCCCCACAGATGCCAGACTGCACCAAGAATTAGTATCTTTCACAGCCTTACAGTGT
 CCCCAGGCAGCGACTGACACACTCCTGCTGGCAAGAGATACAGGACATAGCATGGTTCTAAAGTCCCTA
 GTCGCTGTCCCATCTGCTCCACCTGTGCCAAGCGAGGCTCTCACCAGGAGACCCAGTCTGCAGTTGAC
 CGTCTCCGTGCAGATAGGATTGGCAAGCCACCTGTGTGAGTGGGGCACCTTAGACCTCAAGAGTGTCT
 GGGGGGAGCCATGATCCTGTGTGCTGCCACCCACACCTATGGGCTTGAATTTGACCAGATGAGCGGT
 GGACCAGGAGATCGTGTGTTGTGGGACCGACTTGTCTGTTACTCACCAGGCTGGGAAGAAGCTGGTAG
 TGGGAGGCTGAGGCTGTGGAAGGGCCTGCTCTGGGCCGTCTCTGAAGCGGGTCTGGTTGTCTGGCATT
 ACCTCTGTCCAGAGAGAAGCTTGTGTAGGTCTGGTGCATGGTTCTCTGGGGTGGGCATGGCGGCAGCGCC
 TTTCTGTGTCTGGGGAGGAAGGCTGCTTTCTGTGAAATTTTCTTTCTATTTTCTATTTTCTATTTTCTAGTACT
 GTACGGATGTTCTGGAACCACACATGGTAACTCTGCTTGCCCTGCATCTTAAATAAAGACACCTCCCTT
 GTTAAA

Restriction Sites: Ascl-NotI

ACCN: NM_013873

Insert Size: 855 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:

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: [BC054757](#), [AAH54757](#)

RefSeq Size: 2446 bp

RefSeq ORF: 855 bp

Locus ID: 29859

UniProt ID: [P63046](#)

Cytogenetics: 15 E2

Gene Summary: Atypical sulfotransferase family member with very low affinity for 3'-phospho-5'-adenylyl sulfate (PAPS) and very low catalytic activity towards L-triiodothyronine, thyroxine, estrone, p-nitrophenol, 2-naphthylamine, and 2-beta-naphthol. May have a role in the metabolism of drugs and neurotransmitters in the CNS.[UniProtKB/Swiss-Prot Function]