

Product datasheet for MC203092

Sult1c1 (NM_018751) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sult1c1 (NM_018751) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sult1c1
Synonyms: (PST)G; mOLFST; P-SULT; ST1C1; Stp2; Sult1a2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC045149

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CAGAACTCAAAGCTATCCTGGAAGATCCGTCTAAAGACAGTGAAGTCATCAACGGTCAACAACAGGGA
ACAGGGAACACAGGCCAAGGTAGAGATCGTCCACCTGACATCCTAGCCTGTCAAGTCCCATCTAA
GATGCCCTTGAAAAATTGAAAGACCTCCACCTCGATGAACAGAACATGCAGCCAGAAACCAGGGAAGTG
AATGGGATTCTAATGTCCAAGATGATGAGTGAAAAGTGGGACAAAATTTGGAACCTCCAAGCAAAGCCCG
ATGATCTCCTCATTGCAACCTATGCAAAGGCAGGTACCACCTGGACACAGGAAATTTGGACATGATCCA
AAATGATGGGGATGTTCAAAGTGCCAGCGGGCAATACCTATGACCGACACCCTTTTATTGAGTGGACT
TTGCCCTCACCCCTCAACTCAGGTCTGGATCTGGCTAACAAAATGCCTTCACCTAGAAGTCTGAAGACTC
ATCTGCCTGTTCAAATGCTTCCACCTTCTTTTGGAAAGAAAAGTCAAAGATTATCTATGTGGCCAGAAA
TGCCAAGGACTGCCTGGTATCTTACTACTATTTCTCAAGAATGAATAAAATGCTGCCTGACCCTGGTACC
CTGGGAGAATACATTGAAACCTTCAAAGCTGGAAGTGTGTGGGGCTCCTGGTATGACCATGTAAGG
GATGGTGGGATGTGAAAGACAAACACCGTATTCTGTACCTTCTATGAAGACATGAAAGAGGACCCTAA
AAGGGAATTAAGAAGATAGTAAATTCCTGGAAGAACATTTTCAGAGGAAGTTCTAAATAAAATCATC
CATCACACCTCCTTTGATGTAATGAAGCAGAACCAATGGCCAATATACCACTCTACCCTCCAGTATCA
TGGACCACTCTATATCTCCTTTCATGAGAAAAGGGATGCCTGGAGACTGGGAAGAACTACTTTACCGTGGC
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ATCTGAGAGCAGTAGGGTAGAGGAATCCCTAGATGTCCTGACTGTATGCTTTAGCTATTTGAGCCTCCA
TTCCTAAGCGGTTGCACGGTCTATGTGCCTATGATTCTATTTTCATCAAAGGTAATCAGACCTTCTAC
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GACACATAGGAAAACAGGATTTGACATAAGAAAAGTAAATATGAAAAGCAAAGGAATGAGAAGTACGAC
TGGTCATAAACCGAAGACTAGCTAATTTTCTTAACAATTATCTTCTCATCTGTTCTACGGCACTTTAACAAA
ACACCTAATTTGTTTATAAAGAAATAAAACCACCTTCTTATGTAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI



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ACCN:	NM_018751
Insert Size:	915 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:	BC045149 , AAH45149
RefSeq Size:	1566 bp
RefSeq ORF:	915 bp
Locus ID:	20888
UniProt ID:	Q80VR3
Cytogenetics:	17 28.07 cM
Gene Summary:	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. May be involved in the activation of carcinogenic hydroxylamines. Shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF). Also shows activity towards cinnamyl alcohol at pH 6.4 but not at pH 5.5, and towards a number of phenolic odorants including eugenol, guaiacol and 2-naphthol.[UniProtKB/Swiss-Prot Function]