

Product datasheet for **RN207346**

Sult2a1 (NM_131903) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sult2a1 (NM_131903) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sult2a1
Synonyms:	Smp-2; St2; St2a1; STa; Sth2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207346 representing NM_131903 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAGACTATACTTGGTTTGAAGGAATACCTTTTCATGCCTTTGGGATTTCAAAGAACTTTGCAA
ATGTTTGAATAAGTTTGTGGTGAAGAAGAAGATTTGATTTATTGGCTTATCCCAAGTCAGGAACGAA
CTGGCTGATTGAAATTGTCTGCTTGATTCAGACCAAGGGAGATCCCAAGTGGATCCAATCTGTGACTATC
TGGGATCGCTCACCTGGATAGAGACTGATGTAGGATATGATATATTAATCAAAAAGAAAGACCAGCAC
TCATGACCTCCATCTTCCCATGCATCTTTTCTCCAAGTCTCTTTCAGTTCCAAGGCCAAGGTGATCTA
TCTCATCAGAAATCCCAGAGATGTTCTTGTCTTCTGGTTATTATTTCTGGGTAATTCAACTCTTGTGAAG
AAGCCAGACTCACTGGGAACCTTATGTTGAATGGTTCCTCAAAGGAAATGTTCTATATGGATCATGGTTTG
AGCACATCCGTGCCTGGCTGTCCATGCGAGAATGGGACAACCTTCTGTTACTGTACTATGAAGACATGAA
AAAGGATACAATGGGAACCATAAAGAAGATATGTGACTTCTGGGAAAAAATTAGAGCCAGATGAGCTG
GATTTGGTCTCAAGTATAGTTCCTTCCAAGTCATGAAAGAAAAATGACATGTCCAATTATAGCCTCCTGA
TGAAAAAATCAATTTTACTGGAATTGGCCTCATGAGGAAAGGCACTATTGGGGACTGGAAGAATCACTT
CACTGTATCCCAAGCTGAAGCCTTTGATAAAGTGTTTCAGGAGAAAATGGCCGGTTTCCCTCCAGGGATG
TTCCCATGGGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_131903
Insert Size:	855 bp



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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:	NM_131903.1 , NP_571978.1
RefSeq Size:	1000 bp
RefSeq ORF:	855 bp
Locus ID:	24912
UniProt ID:	P15709
Cytogenetics:	1q21
Gene Summary:	catalyses the metabolic activation of potent carcinogenic polycyclic arylmethanols [RGD, Feb 2006]