

Product datasheet for RN215377

Sult2a2 (NM_001025131) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sult2a2 (NM_001025131) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sult2a2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215377 representing NM_001025131

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGTCAGACTATACTTGGTTTGAAGGAATACCTTTTCCTGCCTTTTGGTTTTCCAAAGAAATTCG
AAAATAGTTGTAAGAAGTTTGTGGTAAAAGAAGACGACTTGATCATATTGACTTACCCCAAGTCAGGAAC
GAAGTGGCTGATCGAGATTGTCTGCTTGATTGAGACCAAGGGAGATCCCAAGTGGATCCAATCTATGCCC
ATCTGGGATCGCTCACCCTGGATAGAGACTGGTTCAGGATATGATAAATTAACCAAAATGGAAGGACCAC
GACTCATGACCTCCCATCTTCCCATGCATCTTTCTCCAAGTCTCTCTTCAGTTCCAAGGCCAAGGTGAT
ATATCTCATCAGAAATCCAGAGATGTTCTTGTCTGCTTATTTTTCTGGAGTAAGATCGCCCTGGAG
AAGAAACCAGACTCGCTGGGAACCTACGTTGAATGGTTCCTCAAAGGAAATGTTGCATATGGATCATGGT
TTGAGCACATCCGTGGCTGGCTGTCTATGAGAGAATGGGACAACCTCTTGGTACTGTACTATGAAGACAT
GAAAAAGGATACAATGGGATCCATAAAGAAGATATGTGACTTCCTGGGAAAAAATTAGAGCCAGATGAG
CTGAATTTGGTCCTCAAGTATAGTTCCTTCCAAGTCGTGAAAGAAAACAACATGTCCAATTATAGCCTCA
TGGAGAAGGAAGTATTCTTACTGGTTTTACTTTTCATGAGAAAAGGCACAACATGACTGGAAGAAATCA
CTTCACAGTAGCCCAAGCTGAAGCCTTTGATAAAGTGTCCAGGAGAAAAATGGCCGGTTTCCTCCAGGG
ATGTTCCCATGGGA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001025131
Insert Size:	858 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:	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_001025131.1, NP_001020302.1</u>
RefSeq Size:	993 bp
RefSeq ORF:	858 bp
Locus ID:	361510
UniProt ID:	<u>P50235</u>
Cytogenetics:	1q21
Gene Summary:	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze sulfonation of hydroxysteroids and xenobiotics.[UniProtKB/Swiss-Prot Function]