

Product datasheet for **RN201049**

Dse (NM_001108933) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dse (NM_001108933) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dse
Synonyms:	Sart2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201049 representing NM_001108933
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGACTCACACACGGGGGGCTCCACTGTGTTTTTCATATGTTTGTCTTGTGTGTGCAGCCTACA
 TCACTGACGAGAACCAGAAAGTCATGATTCCCTTCACGAATGCCAACTACGACAGCCACCCGATGTTGTA
 CTTCTCCAGAAAAGATGTGGCAGAGCTCCAGCTGAGGGCTGCCAGCTCCCATGAGCATATCGCGGCTCGT
 CTCACAGAGGCCGTGCACACCATGCTGACTAACCCCTTGGAGTACCTCCCTCCTTGGGATCACAAGGAGT
 ACAGTGCCCGCTGGAATGAGATCTATGGAACAACCTGGGTGCCTTGGCGATGTTCTGTGTGTGTATCC
 TGAGAACATCGAAGCTCGAGAAATGGCCAAAGACTACATGGAGAGGATGGCAGCGCAGCCTAGTTGGTTG
 GTGAAAGACGCACCTTGGGATGAAGTCCACTTGGCAGCTCCCTGGTAGGTTTCGCCACTGCGTATGACT
 TCTTATACAACTACCTGAGCAAGACGCAGCAGGAGACGTTCTGGAAGTGATTGCCAATGCCTCGGGCTA
 TATGTATGAAACTTCTACAGGAGAGGATGGGGCTTCCAGTACTGCACAACCACCAACCACCAACTGC
 ATGGCCTTACTACTGGAAGTCTTGTCTGATGAACCAAGGGTACCTTCAGGAGGCTACTTGTGGACCA
 AGCAAGTTCTAAGCATCATGGAGAAGTCTCTGGTCTTGTGCTGCGAGAGGTACGGATGGCTCCCTCTATGA
 AGGAGTTGCGTATGGCAGCTACACCACTAGATCCCTGTTCCAGTACATGTTTCTTGTTCAGAGGCACTTT
 GACATCAACCACTTTGGCCATCCATGGCTCAAGCACCCTTTGCCTTTATGTATAGGACCGTCTTGCCAG
 GGTTTCAAAGAACTGTGGCCATTGCAGACTCAAATTAACAAGTGGTTTTATGGTCCAGAAAGTCAATTAGT
 GTTCTGGATAAATTTGTCATGCGTAATGGGAGTGGAACTGGCTGGCTGACCAATCAGAAAGAATCGT
 GTGGTGGAAAGTCCAGGTACACCGTCAAAGGGCAACGCTGGTGTACTCTGCACACAGAATTTCTCTGGT
 ATGATGCCAGCTTGAAGTCGGTTCACCTCTGGATTTTGGCACCCCGACATTGCATATTTGAAGACTG
 GGGTGTGTGACTTATGGAAGTGCCTACTGCGAGAAATCAACAGATCATTCTTTCTTCAAGTCAGGA
 AAGCTTGGGGGGCGTGCAATATATGACATTGTCCACAGAAATAAATAAAGAATGGATCAAAGGTGGA
 GAAATTTAATGCAGGACATGAGCATCCTGACCAAACTCTTCACTTTTGCCTCAACGGTGTGCCATT
 CATTACCGAGGCCCTCTATGGGCCGAAGTACACCTTCTTAACAATGACTAATGTTTTCTCCAGCTGTG
 TCAAAGAGTTGCTTTCTCCCTGGGAGGGTCAAGTACAGAAAGATTGCTCATCAAATGGTCAAATAACA
 AGCATGACCTGGCAGCCAGCTGTGAGGGAGAGTAATTGCAGCAGAGGAAAAGGATGGGGTGTTTTTAT
 CCGAGGAGAAGGTGAGGAGCGTAAACCCATGCTCAACCTGAAGAATTCATCGAATCTCATCCTC
 CTCACCCACAATTTCTCTCTTGTAGACCAGATACACCTGGGAGAGGAGTCCCTGGAGACAGCAG
 CTAGTTTCTTCCACAATGTGGATGTCCCTTTGAGGAGACAGTAGTAGATGGGGTCCACGGAGCTTTCAT
 CCGGCAGCGAGATGGTCTCTATAAAATGTACTGGATGGATGATACTGGTTATAGCGAGAAAGCAACCTTT
 GCCTCAGTGACGTATCCTCGGGGCTATCCTTACAATGGAACAAATATGTGAATGTACCATGCATCTTC
 GAAGTCCCATCACCAGGGCAGCTTACCTTTCATAGGGCCATCTGTGGATGTCCAGAGCTTCAGCATCCA
 CGGTGACCCTCAGCGGCTGGATGTGTTTCGTAGCTACCAGCGAACATGCCTACGCAACTTACCTGTGGACA
 GGTGAGAACACGGGGCAGTCTGCCTTTGCACAGGTCATTGCGGATCATCAGAAAACTCTGTTGACCAGA
 GTTCAGCCATCAAAGCACCACTGTCCCGAAGTGAAGATTACGCTGCTATTGTGGAACGGAATCTGCA
 GCATTTAAGCCGTGTTCCAGCTGCTTGAAGCAGATCCTGTCTCGCTCCAGAACACAGCTAGCTTT
 CGGAAGACTGCTGAGCGCTACTGAGGTTTTCGGATAAGAGACAGACAGAGGAGGCCATTGACAGGATCT
 TTGCTATATCCCAGCAACAGCGGACAGCAGGCAAGTCAAAGAAAAGCCGAAGGACCGCAAGCATTAA
 CAAGTTTGTGGATGCCGTCCTGATATTTTGCACAGATTGAAGTCAATGAGAAGAAGATTGCACAGAAA
 GCTCAGATTTTAGCACAGAAAGAAGCAGCTATAGATGAAGATGAAGAAATGAAAGACCTTTTGGATTTG
 CTGATGTCACGTATGAGAAGCATAGAACGGGGCTCCATGAAAGATGGCTTTGGACAGGCGCGGATGGT
 GACAAGTCACAACAGAGCACCTTCACTGTCCGCTCGTACACCAGACTCTTCTTGATTCTGAACATTGCC
 ATCTTCTTTGTCATGTTGGCTATGCAACTGACTTATTTCCAGAGGGCTCAGAGCCTCATGGCCAAAGGT
 GTCTTTATGCAGTTCTCCTAATAGATAGCTGTGCTTATTGTGGTGTATTCTCTCTGTTCTCAATCTCA
 TGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108933
Insert Size:	2877 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:	<u>NM_001108933.1</u> , <u>NP_001102403.1</u>
RefSeq Size:	4130 bp
RefSeq ORF:	2877 bp
Locus ID:	365583
Cytogenetics:	20q11