

## Product datasheet for **MC222824**

### Dse (NM\_172508) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dse (NM_172508) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dse
Synonyms:	6030499O08; AI480506; B130024B19Rik; DS-epi1; Sart2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222824 representing NM\_172508  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGGACTCATACCGGGGGCACCCAGTGTGTTTTTCATATGTTTGTCTGCTGTGTGCAGCCTTCA  
 TCACTGACGAGAACCAGAAAGTCATGATTCCCTTCACTAATGCCAACTATGACAGCCACCCAATGTTGTA  
 CTTCTCCAGAAAAGATGTGGCAGAGCTCCAGCTGAGGGCTGCCAGCTCCCATGAGCACATTGCAGCTCGG  
 CTTACAGAGGCTGTGCATACCATGTTGACTAACCCCTTGGAGTACCTCCCTCCTTGGGATCCCAAGGAGT  
 ACAGTGCCCGCTGGAATGAGATCTATGGAAACAACCTGGGTGCCTTGGCAATGTTCTGTGTGCTGTATCC  
 TGAGAACACTGAAGCTCGAGACATGGCCAAAGACTACATGGAGAGGATGGCAGCGCAGCCTAGTTGGTTG  
 GTGAAAGATGCGCCTTGGGATGAAGTCCACTTGCCACTCCCTGGTGGGTTTCGCCACTGCATATGACT  
 TCTTATACAACACTCTGAGCAAGACACAGCAGGAGACATTCTGGAAGTGATTGCCAATGCCTCGGGCTA  
 TATGTATGAAACTTCTATAGAAGAGGATGGGGTTCCAGTACTGCACAACCACCAGCCCACTGCTGC  
 ATGGCCTTACTACTGGAAGTCTCATTCTGATGAACCAAGGGTACCTTCAGGAGGCTATTTATGGACCA  
 AGCAAGTTCTAAGCATCATGGAGAAGTCTCTGGTCTTGCTGCGAGAGGTGACAGATGGCTCTCTCTATGA  
 AGGAGTTGCATACGGCAGCTATACCACTAGATCCCTGTTCCAGTACATGTTTCTTGTTCAGAGGCACTTT  
 GACATCAACCACTTTGGCCATCCATGGCTTAAGCAACACTTTGCCTTTATGTATAGGACCATCTTGCCAG  
 GGTTTCAGAGAAGTGTAGCCATTGCAGATTCAAATTAACAAGTGGTTTTATGGCCAGAAAGTCAATTAGT  
 GTTCTGGATAAATTTGTATGCGTAACGGGAGTGGAACTGGCTGGCTGACCAATCAGAAGGAACCGT  
 GTAGTGGAAAGTCCAGGGACACCATCGAAAGGGCAGCGCTGGTGCACGCTACACACCGAATTTCTCTGGT  
 GGGTGTTGTGACTTATGGAAGTGCACTACTCGAGAAATCAACAGGTCAATTCCTTTCTCAAGTCAGGA  
 AAACCTGGAGGGCGTGCAATATATGACATTGTTTATAGAAAATAAAGACTGGATCAAGGGTGGGA  
 GAAATTTAATGCAGGACATGAGCACCTGACCAAACTCTTCACTTTTCGCCCAATGGTGTGCCGTT  
 CATTACTGAGGCCCTGTATGGGCCAAAGTACACCTACTTTAACAACGTTCTAATGTTTTCTCCAGCTGTG  
 TCTAAGAGTTGCTTTTCTCCCTGGGAGGGTCAGGTACAGAAAGTGTTCATCAAATGGTCAAAGTATA  
 AGCATGACCTGGCAGCCAGCTGTGAGGGAGAGTATTGCAGCAGATGAAAAGGATGGGGTGTTTTTAT  
 CCGAGGAGAAGGGCTAGGAGCATATAACCCATGCTCAACCTGAAGCACATTCAACGGAATCTCATCCTC  
 CTCACCCACAGCTTCTCCTTCTGTAGACCAGATCCACCTGGGAGAGGAGCCGCTGGAGACAGCAG  
 CAAGTTTCTTCCACAATGTGGATGTCCCTTTTGGAGAGACAGTAGTAGATGGGGTCCATGGGGCTCTCAT  
 CCGGCAGCGAGACGGTCTCTATAAAATGTACTGGATGGATGATACCGGTTATAGTGAAAAAGCAAATTT  
 GCCTCAGTGATGTATCCTCGGGTTATCCCTACAACGGGACAAATATGTGAATGTCACCATGCATCTTC  
 GAAGCCCTATACCAGGGCAGCTTACCTCTTATAGGGCCATCTGTGGATGTCCAGAGCTTCAGCATCCA  
 TGGAGACCCTCAGCGGCTGGATGTGTTTATAGTACCAGTGAACACGCCTATGCAACTTACCTGTGGACA  
 GGTGAGAACACAGGGCATTCTGCTTTCGCACAGGTCAATGCAGATCATCAGAAAATCTGTTTGACCAGA  
 GTTCAGCCATCAAAGCACCGCTGTCCCTGAAGTGAAGATTATGCTGCTATCGTGGAGCAGAATCTGCA  
 GCATTTAAGCCGTTTCCAGCTGCTTGAGAAGCAGATCCTATCTCGAGTCCAGAACACAGCTAGCTTT  
 AGAAAGACTGCCGAGCGCTACTGAGGTTTTAGATAAGAGACAGACAGGAAGCCATTGACAGAATTT  
 TTGCTATATCCCAGAACAGCGGCAGCAGCAGGCAAGTCAAGAAAAGCCGAAAGGCGGGTAAAGCATT  
 CAAGTTTGTGGATGCGGTTCTGATATTTTCGCACAGATTGAAGTTAATGAGAAGAAGATTGCAGAGAAA  
 GCTCAGGTTTTAGCTCAGAGAGAACAGCCCATAGACGAAGATGAAGAAAATGAAAGACCTTTTGGATTTG  
 CTGATGTCACATATGAGAAGCATAAAAACGAGGGTCCGTGAAAGGTGGCTTTGGACAGGTGCGGATGGT  
 GACAAGTCACAACAGAGCACCTTCACTGTCAGCCTCCTACACCAGACTCTTCTTGATCCTCAACATTGCC  
 ATCTTCTTTGTCATGCTGGCAATGCAACTGACTTATTTCCAGAGGGCTCAGAGCCTCCATGGCCAAAGT  
 GTCTTTATGCGGTCTCCTAATAGATAGCTGTGCTTACTGTGGTTGATTCCTCCTGTTCCAGTCTCA  
 TGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_172508
<b>Insert Size:</b>	2877 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_172508.2</a></u> , <u><a href="#">NP_766096.1</a></u>
<b>RefSeq Size:</b>	4243 bp
<b>RefSeq ORF:</b>	2877 bp
<b>Locus ID:</b>	212898
<b>UniProt ID:</b>	<u><a href="#">Q8BLI4</a></u>
<b>Cytogenetics:</b>	10 B1
<b>Gene Summary:</b>	Converts D-glucuronic acid to L-iduronic acid (IdoUA) residues.[UniProtKB/Swiss-Prot Function]