

Product datasheet for **RN213212**

Dscaml1 (NM_001108141) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dscaml1 (NM_001108141) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dscaml1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213212 representing NM_001108141 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGACAGGAGCCGGGGAGCCGAGGAGGGAGGAGCCGCCCGCTGCGCTGGGCTGAGGAGCAGAGAGAGCG
GGGCGCCGAGTGCGGGCGGCTGGGAGCGCGCTGAGCGGGGAGAGGCGCTGCCGCACGGCCGGCCACAGG
ACCACTCCCCGAGAAAAAGGGCCTCTTTATGGCATGTGGCTGGTAACCTTCTCCTGCTCCTGGACTCT
TTACACAAAGCCCGCCCTGAAGATGTTGGCACCAGCCTCTACTTTGTAATGACTCCCTGCAGCAGCTAA
CCTTCTCCAGCTCTGTGGGTGTGGTGCCCTGCCCGCCGCTGGATCCCCAGTGCGGCTCTTCGATG
GTACCTGGCCACGGGGGACGACATCTACGATGTGCCACACATCCGGCACGTGCATGCCAACGGGACTCTG
CAGCTCTACCTTTCTCCCCCTCCGCCTCAATAGCTTTATCCACGACAATGACTATTTCTGCACCGCAG
AGAACGCAGCCGCAAGATCCGGAGCCCTAACATTCGCATCAAAGCAGTTTTAGGGAACCTACACCGT
CCGGGTGGAGGATCAAAGGTCAATGCGTGGCAACGTGGCTGTCTCAAGTGCCTCATCCCCTCTTCAGTG
CAGGAATACGTTAGCGTCGTGTCTTGGGAGAAAGACAGTCTCCATCACTCCAGAAAACAGTTTTTCA
TCACATCACACGGTGGGCTGTACATCTCGGACGTGCAGAAGGAAGATGCTCTCTACCTACCGCTGCAT
CACTCAGCACAAATACAGTGGGAGACTCGTCAGAGCAACGGGGCTCGGCTCTCTGTGACAGACCCTGCA
GAGTCCATCCCCACCATCCTGGATGGCTTCCACTCCCAGGAAGTGTGGACCGGCCACGCAGTCGAGCTGC
CCTGTGCTGCCTCTGGCTACCCCATCCCTGCCATCCGCTGGCTCAAAGATGGCAGACCCCTCCCTGCTGA
CAGCCGCTGGGCTAAGCGCATTACAGGGCTGACCATCAGTGATCTGCGCACTGAGGACAGCGGCACCTAC
ATCTGTGAGGTACCAACACCTTCGGGTGAGCAGAGGCCAACGGCGTCTCACAGTCATTGACCTCTTC
ATGTGACCCTGACACCAAGAAGCTGAAGACGGGCATCGGGAGCACGGTTATCCTGTCTGCGCCCTCAC
CGGCTCCCCGAGTTCACCATCCGCTGGTACCGCAACACAGAAGTGGTGTGCCCGGTGAGGCCATCTCC
ATCCGCGGGCTTAGCAATGAACTCTGCTTATCTCCTCGGCACAGAAGAGCCACTCGGGGCTTACAGT
GCTTCGCCACCCGAAAGGCCAGACAGCGCAGGACTTTGCCATCATCGTGCTGGAAGACGGCACGCCCCG
CATCGTCTCATCTTCAGCGAGAAGGTGGTCAACCCCGGGGAGCAGTTCTCATTGATGTGTGCCGCAAG
GGCGCCCCGCCCCACGGTCACTTGGGCCCTGGACGACGAGCCTGTCTGCGGGATGGAAGCCACCGCA
CCAACCAGTACACCATGTCCGACGGCACCAACCATCAGCCACATGAACGTACGGGTCCCAGATCCGGGA



[View online »](#)

TGGGGGCGTGTACCGGTGCACAGCGCGGAACCTCGGTGGGCAGTGCTGAATATCAGGCGCGAATAAACGTA
 AGAGGACCCCCAGCATCCGGGCAATGAGGAACATCACGGCAGTCGCCGGGCGGGACACACTCATCAACT
 GCAGGGTCATCGGCTACCCCTACTACTCTATCAAGTGGTACAAGGATGCCCTGCTGCTACCAGATAACCA
 CCGCCAGGTGGTGTGAGAACGGGACCCTCAAGCTGACGGACGTGCAGAAGGGCATGGATGAGGGAGAG
 TACCTGTGCAGTGTGCTCATCCAGCCGACGCTTCCATCAGCCAGAGTGTCCATGTGGCCGTCAAAGTGC
 CCCCTCTGATCCAGCCCTTTGAGTTCCTCCCTGCCATCGGCCAGTGTCTACATCCCCTGTGTGGT
 GTCTCTCGGGGACATGCCATCCGCATCACCTGGAGAAAGGACGGACAGGTGATCATCTCAGGCTCAGGC
 GTGACCATCGAGAGCAAGGAATTATGAGCTCCCTGCAGATCTCCAGCGTCTCCCTCAAACACAATGGCA
 ACTACACTTGATTGCCAGCAACGACGCGGCCACCGTGAGCAGGGAGCGCCAGCTCATCGTGCGCGTGCC
 CCCTCGATTTGTGGTGCAGCCCAACAACAGGATGGCATCTATGGCAAAGCTGGTGTGCTCAACTGCTCG
 GTAGATGGCTACCCGCCACCAAGGTCTGTGGAAGCATGCCAAAGGAGTGGGAACCTCAGCAATATC
 ACCCAGTGCCCTCACTGGCCGCATCCAGATCTGCCAACAGCTCCCTGCTGATACGCCACGTCTGGA
 AGAGGACATCGGCTACTACCTCTGCCAGGCCAGCAACGGTGTGGCACTGACATCAGCAAGGCCATGTT
 CTCACGGTGAAAATCCCAGCCATGATCAGTCGCACCCCAACACCACTATCGCCATCAAGGGCCACGCCA
 AGGAGCTGAAGTGCAGTGCAGTGGCGAGCGGCCCATATAATCCGCTGGGAGAAGGGGACACCGTCAT
 TGATCCCGACCGTGTATGCGGTATGCCATTGCTACCAAGGACAATGGCGATGAGGTGGTCTCCACGCTT
 AAGCTCAAGCCAGCCGACCGTGGGGACTCCGTGTTCTTCACTGCGCATGTATCAACTCATACGGAGAGG
 ACCGGGGTTTGATCCAGCTCACTGTGCAAGAGCCCCCTGACCCCCAGAGCTGGAGATCCGGGAGGTGAA
 GGCCCGGAGCATGAACCTGCGTTGGACTCAGAGATTTGATGGAACAGTATCATCACTGGCTTTGATATC
 GAGTACAAGAACAATCAGATTATGGGATTTAAGCAGTCCACCCGTAACATCTCCCCAACCATCAACC
 AGGCGAACATCGTAGATTTACACCCAGCATCGGTGTACAGCATCCGCATGTAATCCTTCAACAAGATTGG
 GCGCAGCGAGCCGAGCAAGGAGCTTACTATCAGTACAGAGGAAGCCGCTCCTGATGGGCCCTCCATGGAT
 GTCACCTTGCAACCAAGTGAATTCACAGAGCATCCAGGTGACCTGGAAGGCACCAAGAAGGAGGTGCAAA
 ATGGAATCATCCGGGGATACAGATTGGCTACAGGGAGAAGACGCCCGGTAGCAATGGGCGATACAGCAT
 TGTGGAATGAAGGCGACGGGGGACAGCGAGGTCTACACGCTGGATAACCTCAAGAAGTTCGCTCAGTAC
 GGCGTGGTGGTCCAAGCCTTCAACCGGGCCGACGCGGGCCCTCATCCAGTGAGATCAATGCCACCACCT
 TGGAGGATGTGCCAGCCAGCCCCAGAGAATGTCCGAGCTCTGTCCATCACTTCTGACGTGGTGTGAT
 CTCCTGGTGGAAACCCACGAAGCACCTCAACGGGGTCTCAAAGGCTACCGGGTCACTTCTGGTCA
 CTCTACGTTGACGGAGAGTGGGGCGAGATGCAGAAATGTACCACCACAAGAGAGCGAGTGGAGTGGGG
 GTATGGAGAAGTTCACCAACTACAGCGTCCAGGTGCTCGCTACACGAGGCTGGGGATGGTGTGCGCAG
 CAGCGTGTCTATATCCAGACCAAGGAAGATGTTCCAGGCCCCCTGCTGGCATCAAAGTGTCCCTTCA
 TCAGCTAGCAGTGTGGTGTCTGTTGCCCAACCAAGCCCAATGGGGTATCCGAAAATACACCA
 TCTTTTGTTCAGCCCTGGGTCCGGCCAGCCGGCTCCCAGCGAGTACGAGACCAGTCTTGAACAGTCTT
 CTACAGGATCGCCCATCTGAACCGGGGCCAGCAGTACTTGCTATGGGTGGCTGCGGTACCTCTGCAGGC
 CGGGGGAACAGCAGCGAGAAGGTCAACATCGAGCCTGCTGGCAAGGCCCCAGCAAGATCATCTCCTTTG
 GAGGCACTGTAAACGACACCCTGGTTGAAAGATGTCCGACTGCCTTGCAACTCCGTGGGAGACCCAGCCCC
 GGCTGTGAAGTGGACCAAGGACAGTGAAGACTCAGCCATCCCCGTGTCTTTGGATGGACACCGGCTCATC
 CACACAAACGGTACACTGCTGCTTCGCGCTGTGAAGGCTGAAGACTCCGGCTATTACACCTGCACAGCAA
 CCAACACCGGTGGCTTTGACACCATCATCGTCAACCTTCTGGTACAAGTTCCTCCAGACCCAGCCCCGCT
 CACTGTCTCCAAAACCTCCGCTCTTCCATCACCTGACCTGGATTCCAGGGGACAATGGGGCAGCTCC
 ATCAGAGGCTTCTGTGCTACAGTACTCTGTGGATAACAGCGAGGAGTGAAGGATGTGTTATCAGTTCCA
 GTGAGCGCTCCTTCAAGCTAGACAGCCTCAAGTGTGGCACGTGGTACAAGGTGAAGCTGGCGGCCAAGAA
 CAGTGTGGGCTCTGGGCGCATCAGCGAGATCATCGAGGCCAAGACCCATGGGCGGGAACCTTCTTTCAGC
 AAAGACCAACACCTTTTACCCACATCAACTCTACACATGCTCGGCTTAACCTGCAGGGCTGGAACAATG
 GGGGCTGCCCCATCAGACCATTTGCTGGAGTACCGGCCAAGGGGACCTGGGCTGGCAGGGCGTCCG
 AGCCAACAGTTCACAGAGGTGTTTCTGACAGAACTTCGAGAGGCTACCTGGTATGAGTCCGCATGAGG
 GCTTGCAACAGTCCGGCTGTGGCAATGAGACCGCCAGTTTGCCACCCTGGACTACGATGGCAGCACCA
 TCCCCCATCAAGTCTGCTCAAGGAGAAGGAGATGATGTGAAGAAGTTGTTACCATCGGCTGTCCAGT
 CATCTGGCCACCTCGGGTGGCGCTGCTCTTTGTTGAAGAAAGAAGGAAGGAGAAACGGGTGAAG
 AGGCTCCGAGATGCAAAGAGTTTGGCAGAAATGCTGATAAGCAAGAACAACCGAAGCTTTGACACTCCTG
 TGAAAGGGCCACCCAGGGTCCACGGCTCCACATTGACATCCCGAGGGTTCAGCTGCTCATTGAGGACAA
 GGAGGGCATCAAGCAGCTGGGAGATGACAAGGCCACCATTCCTGTAACCGATGCTGAGTTCAGTCAAGCT

GTCAACCCACAGAGCTTCTGTAAGTGGTGTCTTTGCATCATCCTGCCCTTATCCAGAGCACGGGACCCC
 TCATCGACATGTGACACATCCGGCCAGGAACCAATCCAGTATCCAGGAAGAACGTGAAATCAGCCCACAG
 CACCCGGAACCGGTACTCAAGCCAGTGGACCTTGACCAAGTGCAGGCTCCACCCCTGCCCGAACCCCTC
 ACCTCCGACTGGCGCACTGTGGGTTCCAGCATGGTGTCACTGTCACTGAGAGCGACAGCTACAGTGCCA
 GTCTATCCCAAGACACAGACAAAGGGAGAAACAGCATGGTATCCACTGAGAGTGTCTCTCCACCTATGA
 GGAGCTGGCCCGGCCTATGAGCACGCCAAGCTGGAGGAGCAGCTGCAGCACGCCAAGTTGAAATCACA
 GAGTGCTTCATCTCGGACAGCTCCTCGGACCAGATGACCACGGGCACCAACGAGAACGCCGACAGCATGA
 CATCTATGAGTACACCCTCAGAGCCTGGCATCTGCCGCTTCACTGCCTCTCCACCCAAGCCGACAGGATGC
 TGACAGGGGCAAGAACGTGGCTGTGCCATCCCTCACCGAGCCAACAAGAGTGACTACTGTAACCTGCCA
 CTGTATACCAAGTCAGAGGCCTTCTTCCGAAAGGCAGATGGGCGGGAGCCCTGCCCTGTGGTCCCACCCC
 GAGAGGCCTCCATGAGGAACCTGACTCGAGCCTACCATAACCCAGGCCCGGCACCTCACTCTGGACCTGC
 CAGCAAGCCCTTGGGCTCCCCATCCAGGGGCCACCGCTGCCACCGCCACGGCCACCTTACCTCAGAGG
 ACTCTGGCCATGCCGGCACCCCAAGCTGGCACGGCACCCCAAGCCTGGCCCTACTCCAGTGAGCCCT
 CTGCTCCTCTAGTGCTGCCCTCCGGCCCCAGCACTGAACCTCCACGGGCCGAGGCCACACACCAA
 AATGGGGGGCTCCAGGGACTCACTACTGAAATGAGACCCCAAGGGTGGGGCTTCTCAGAAACAGGGG
 GCTGGAGCCTATTCCAAATCCTACACCCTGGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001108141
Insert Size:	6336 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:	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_001108141.1, NP_001101611.1</u>
RefSeq Size:	6929 bp
RefSeq ORF:	6336 bp
Locus ID:	315615
Cytogenetics:	8q22