

Product datasheet for **RN201120**

Synm (NM_001134858) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Synm (NM_001134858) Rat Untagged Clone
Tag: Tag Free
Symbol: Synm
Synonyms: Dmn
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN201120 representing NM_001134858
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTCCTGGCGGCTGCAGACCAGCTCCGAAAAGGCCGAGCTCCAGGAGCTCAATGCCCGCTTTATG
AGTACGTGTGCCGGTGCAGAGCTGGAGCGGAGAACCCTGCTGCTGGAGGAGGAGCTGCGCAGCCGGCT
GAGCCGGGAGGACCGCTGGGCCGAAGATCAAGCGCTCTACGCCGAGGAGGCGCGCAGCTTGCACAGCAG
CTCGACGAACTGAGCTGGTCCACGGCGCTGGCCGAGGGCGAGCGCAGCGCTGCGGAGGGAAGCTGTTG
ACCTGCAGCGGAAGTTTGAAGCCAGCACTGCCCGCGCCGCTGGATGCCGAGCTAGAAGCGCAGCG
GCGGGAGCTGGAGGAGGCGCTGGGCGCGCGCCGCCCTCGAGGCGCTGCTGGGCCGGCTGGAGGCAGAG
CGACGAGACCTGGATGCGGCCACGAGCGCCAAGTGCAGAGCTACGCGCCCGTCCAGCAGCCTACCA
TGCACTCCGAGCCCGCCACCGGCCCGCCGCGCCCGCCGCGCTGCGGGACGTGCACGACAGCTA
CGCCCTGCTAGTGGCCGAGTCTGGAGGAGAGCATGCAGCTGTACGAGGACGAGGTGCGCGAGCTGGAG
CAGGCGCTGCGCCGCGGTCAAGAGAGCCGGCTCCAGGCGGAGGACGAGGCGCGCTGTGCGCGCAGGAGG
CGGACGCGCTGCGGAACCAGGCGCTGGAGTTGGAGCAGCTGCGTGCGAGGCTGGAGGATGAGCTGCTTCG
GATGCGCGAGGAGTACGGGATGCAGGCGGAGGAGCGGCAGAGAGTGATCGACAGCCTGGAGGATGAGAAG
GATGCCCTTACCTTGCCATGGCTGACAGGCTGCGGGAGTACCAGGAGCTCCTACAGTGAAGACGGGCC
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CTTCCTGACCTCCTGCTATTCTTCTCAGCTACAACCTCACAGCAGAAGCCCTGGAGAAAACCTGTCAGC
AGTCAAGCCAGTTAAGACCAGTCATCAACCCATGGCTTTCTAAGAAACTGATGCTCAAGTAAAA
CATTCTCCATGGACCAAGCTGAAGGCATGGGGACACCTCACACGGCGGGCCACAGAGTCCGTTAT
TACCAGAGAGTCATACAGAGGTACCAGGGCACTGGCGGCGAGTGTGTGAACAGCACTCAGTCAAAT



GAGAGGACTGTCATTCTGGGAAAGAAATTAGAAACGCAGGCCACTAAGGAGCAAGAGAGGGACAGGTCAG
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GAGGTGGGAAGAGCTGACCAAGTTAGATGCAAGAGAGAGGGAAAGCCAGCATTTAAGGAACGAGGCCAAA
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GAAGGTCTGGAGGTTCCATCGGCTTCCCTGGGTGGTGCCTTTGGATCTGCTCACGTGAAGGAAGAAGCT
AGTGGTGAACCCACGCTGAACCCACAATCATTGAGAAAGAGATCAAAAATACCGCATGAATTCACACCT
CCATAAAGGGCGTCTTCTCCAGTGAGCCTCGGCATCAGTTGGTGGAGGTCATTGGGCAGCTGGAGGAAAC
GTTGCCTGAGCGCATGAAGGAAGAGCTGTCTGCCCTGACCAGACAGAGTCAAGGAGAGCCAGGGAGTGTC
TCAGTGGATGTAAGAAAGTCCAGAGCTCTGTGGCGGTTCTGTGACCTTAATGGCTGAGGTCAACCTCT
CGCAGAGTGTAGATGCTGATCAGTTAGACCTGGAGGAGTTGAGCAGGGACGAAGCTGGGGAATAGAGAA
GGCTGTGGAGTCAAGTGGTAAGAGAGAGCTTGACCAAGCGCTCCAGCCAGTGCCTAGAAGCCAGACAGG
GAAGATGGAGAGGAGGCGCTGCCGTTGGCTTTCTCTCAAGCGCTGGGCCACCAGGGAGCTGTATAGCC
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CCTCACCGGTGGTGGAGTAAGTGAAGACTTCAGCGAGGCAGTCACTCCGAGGGAGCCAGCCGCTCCGT
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ACCGGGCAGGAGACAGGAGACACAGGAGAGCCTGACCCTGCAGCACTGTCTGTGGAAGCTGACATCTCAG
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TGGGGCAGCCAGGTTGGTAGTAACTTTCAACTGAAGGGTCAAGTGGGTACCCAGACTTTTGTAGGCAT
CTCCAGTTAGGCTCCAGAGAAGGGTTCCAGAGAAGAAATCCAGTTCATAGCTCCCATCCCAGACAGGGCAG
AGTGGGGAGAAGAGGATTCTGGGTACACCAGAGTGTCTCTAGGGAGGAGCACCTCCATCCAGCACATTGA
CATCGTGCCTCAGAGGTACCAGGCTTCCAAGCAGGTGGCCCCACAGACATTGGGATTTAGGGACTCAGAA
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TCCTCAAGAAGGAAGAGAACACATTCAGAGGGTCAATTTCTGGTCCCCCTCCAGACAGTGTGGGCGACAC
AGGAGCAGAGGTGACAGAAAACATCAGCAGATCCTTCAGGCACATTCAAATAGGTCTACAGAGGAGGAC
CCCTCTGAATACATTGTCAACAGTGGACCTTGTCTAAAACATTTGTTCTTGACAGTTCCGTGGCATCCC
CTGGGCGGGTGGGGAGCAGACGGCAGTAGCACACCATGTCACATTGCACTGGGGCCAAAGAAACTTC
ATTTACCTTTAGATGGGTGTAAGTGCACGAGAGCCATCCGACGCTGGACCCGAGACACAGGGTCAAGAA
GTGGAAGCTCACAGTGTCTCACACGGTGGCTGGAGAGTTGCTCACAGTAGGGATGAGCAATCAGCCA
GCACCAGCTCTCAGGCTCTGCTGGGATGCACACCAGGCCCGTGGAGAGAAAGGCAGGAGCAGGCTGG
ATTTGACAAGACGGTGCAGCTGCAAAGAATGGTAGACAAAGGTCTGTGGCTTCTGATGAGAAGAAAGTG
GCCCTTCTATCTAGACAATGAGGAGGAAGAGGAGGGCGAGGGATGTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001134858

Insert Size:	4674 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_001134858.3</u> , <u>NP_001128330.1</u>
RefSeq Size:	7432 bp
RefSeq ORF:	4674 bp
Locus ID:	308709
Cytogenetics:	1q22
Gene Summary:	human homolog is an intermediate filament protein; involved in connecting desmin the extracellular matrix [RGD, Feb 2006]