

Product datasheet for **RN208079**

Ascl2 (NM_031503) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ascl2 (NM_031503) Rat Untagged Clone
Tag: Tag Free
Symbol: Ascl2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208079 representing NM_031503
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGGAATCGCACTTTAACTGGTACGGGGTCCCAAGGCTCCAGAAGGCTAGCGACGCGTCCCTAGGGAAT
CCTGCAGCAGTGCCCTGCCTGAGGCCCGTGAAGGTGCGAACGTCCTACTCCACCGCACCCGGTTTCCTCG
CGAGCACTTTTCTGTGGCGCACCGAAACCCGTAGCGGGGGCCCGCGCTGAATGCAAGCTTGATGGAC
GGCGGGCGCGTGCCAGACTCGTGCCACCTCGTCTGGAGTGGAGCCTGCCTGCTCGGCGGAGAC
CCCCGTCCCCGGAAGTCTCGCTGCAGCCGACGGCGGCGATCGGGAGCAACGGAGGCCAGCAGCAGCTC
GGCGGGCGTGGCACGCCGCAATGAGCGTGAGCGCAACCGCTAAAGCTGGTAAACTTGGGCTTCCAGGCG
CTGCGGCAGCACGTGCCGCACGGCGGCCAACAAGAAGCTGAGTAAGGTGGAGACGCTGCGCTCCGCGG
TAGAGTACATCCGTGCGCTGCAGCGGCTGCTAGCAGAGCACGACGCGGTGCGTCTGCGCTCTGCGGGG
TCTATTAACACCCGCTACTCGGCCGTCGATGTGTGCACGCAGCCCTCCGCTCCCTGCCAGCGCTCT
CTGTCTGCACCTTACATCCCCAGACCGCTAGGCTGCTCCGAGCCTGCCTCTCCGCGCTCCGCTACT
CGTCGGAGGACAGCAGCTGCGAGGGAGAGACTACCCGATGGGGCAGATGTTTGACTTTTCCAATTGGTT
AGGGGGCTACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_031503
Insert Size: 783 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:	<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:	NM_031503.2 , NP_113691.1
RefSeq Size:	1572 bp
RefSeq ORF:	783 bp
Locus ID:	24209
UniProt ID:	P19360
Cytogenetics:	1q41
Gene Summary:	may play a role in neural crest cell development and neuronal determination [RGD, Feb 2006]