

Product datasheet for RN215503

Ascl1 (NM_022384) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ascl1 (NM_022384) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ascl1
Synonyms:	Mash1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215503 representing NM_022384 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAGCTCTGGCAAGATGGAGAGCGGAGCCGGCCAGCAGCCGAGCCTCCGAGCCCTTCTGCCGC
CTGCAGCTGCTCTTTGCGACCGCGGCCGCGGCCGCGGCCGCGGCCGCGGCCGAGCGGCAGCTCAGAGCGC
GCAGCAGCAACAGCAGCAGCAGGCGCCGAGCAGCAGGCGCCGAGCTGAGCCCGGTGGCGGACGGCCAG
CCCTCAGGGGGCGGTACAAGTCAGCGGCCAAGCAGGTCAAGCGCCAGCGCTCGTCTCTCCGAACTGA
TGGCTGCAAACCGCGCTCAACTTCAGTGGCTTCGGCTACAGCCTCCACAGCAGCAGCCGGCAGCCGT
GGCGCGCCGCAACGAGCGGAGCGCAACCGGGTCAAGTTGGTTAACCTGGGCTTTGCCACCTCCGGGAG
CATGTCCCAACGGCGCTGCCAACAAGAAGATGAGCAAGGTGGAGACGCTGCGTTTCGGCGGTGGAATACA
TCCGCGCGCTGCAGCAGCTGCTGGACGAGCAGCATGCGGTGAGCGCTGCCTTCCAGGCGGGCGTCTGTG
GCCACCATCTCCCCAACTACTCCAACGACTTGAAGTCTATGGCGGGTTCTCCGGTTTCGTCTACTCC
TCCGACGAGGGATCTACGACCCCTTAGTCCAGAGGAACAAGAGCTGCTGGACTTTACCAACTGTTCT
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_022384
Insert Size:	702 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_022384.1 , NP_071779.1
RefSeq Size:	1656 bp
RefSeq ORF:	702 bp
Locus ID:	64186
UniProt ID:	P19359
Cytogenetics:	7q13
Gene Summary:	plays a role in neurogenesis of the autonomic nervous system [RGD, Feb 2006]