

Product datasheet for MC211068

Draxin (NM_027426) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Draxin (NM_027426) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Draxin
 Synonyms: 2610109H07Rik; neucrin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC211068 representing NM_027426
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGGGTGCCCCGCTCCTCAGGGTCCCCACGCTGTTCTGATCCTCCTGCTGTTCCAGAGCTCCACA
 CGGCAGGCACCCCTGCATCTGGATCCTCTGCCCGAACCTGCCGAGACCCACTCCACCTCCCCAGCTC
 TGCCTGTGGGTGTCCCAGGCAAGCCATCATGGCCGTGGGGCCCTGGGGAAGAAAGACAGGGGCCAGGA
 AGGCCTAGCCGGGCCAGGAGGGGGCTGTGGTCACTGCTACCAAGCAGGCTTCCCAGATGACACTCGGAC
 AGCCCCCTGTGGCCTTCTGCAGAATAAGGAGCTGCTTCTGGGGCTGACTTTGCCCTACCCCGAGAAGGA
 GGCCCGGTCTCCCGCTTGGGAGAGGGTGAAGAAACGTGGCAGAGAACAAGAGACGCAGGGACCGTCTG
 CGACTGCACCGAGGCCGAGCTGCCATCCGTGGCCCCAGCTCCCTCATGAAGAAGGTGGAACCCCTGAAG
 ACCGGATGCTGGAGGGTACCATGGAGGAGTCTTCCACTAGCCTGGCCCCACCATGTTCTTCTGACCAT
 GACAGACGGTGCCACGCCTACTACAGAAGAGTCCCGATCCTGCCTGTACGTCCTTGGCGCCCCAGACA
 CAGCCAGGTCTGACGGGGAGGTGATGCCACACTGGACATGGCCTTATTTGACTGGACGGATTATGAAG
 ACTTAAAGCCAGAGGTCTGGCCTTCTGCAAAGAAGAAAGAGAAACACTGGAGTCATTTTACCAGTGATGG
 TAACGAGACCTCGCCAGCTGAGGGGGATCCGTGTGACCATCACCAGGATTGCTTGGCAGGAACCTGCTGT
 GACCTCCGGGAACATCTCTGCACACCCCAACCGCGGCCTCAACAACAATGTTTCGACGACTGCATGT
 GCATGGAAGGGCTGCGTTGCTATGCCAAATCCACCGAACCGCAGGGTCACTCGGAGGAAGGGGCGCTG
 CGTGGAACCGGAGACAGCCAACGGGGACCAGGGATCTTTCATCAACATC**TAG**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_027426



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Insert Size:	1032 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:	NM_027426.3 , NP_081702.2
RefSeq Size:	5217 bp
RefSeq ORF:	1032 bp
Locus ID:	70433
UniProt ID:	Q6PAL1
Cytogenetics:	4 E1- E2
Gene Summary:	Chemorepulsive axon guidance protein required for the development of spinal cord and forebrain commissures. Acts as a chemorepulsive guidance protein for commissural axons during development. Able to inhibit or repel neurite outgrowth from dorsal spinal cord. Inhibits the stabilization of cytosolic beta-catenin (CTNNB1) via its interaction with LRP6, thereby acting as an antagonist of Wnt signaling pathway.[UniProtKB/Swiss-Prot Function]