

Product datasheet for SC315713

DRGX (NM_001080520) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DRGX (NM_001080520) Human Untagged Clone
Tag:	Tag Free
Symbol:	DRGX
Synonyms:	DRG11; PRRXL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315713 representing NM_001080520. Blue=Insert sequence Red=Cloning site Green=Tag(s)

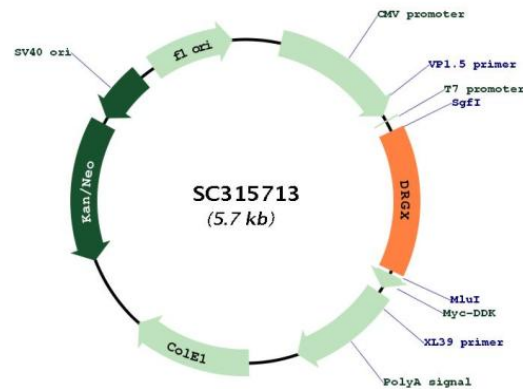
```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGTGATGAGCTGTGACCAACGGTTGATCAGTTTGCTCTTGGTAGGCACTGCAACCTTTGGCAAT
CACTCTTCGGGGGATTTTGATGACGGGTTTCTGCGTAGAAAACAGCGCCGGAACCGGACGACGTTCACT
CTTCAGCAGCTGGAAGCTCTCGAGGCCGTTTTTGCCCAAACACTATCCAGATGTCTTCACCAGAGAA
GAGCTCGCCATGAAAATAAACCTCACAGAAGCCAGAGTGCAGGTTTGGTCCAGAACAGAAGGGCCAAA
TGGAGGAAGACAGAGAGAGGGGCTCAGACCAGGAGCCAGGAGCCAAGGAGCCCATGGCAGAGGTGACA
CCTCCTCCAGTGAGAAACATCAACTCCCGCCCCCTGGGGACCAAGCCCGGAGTAAGAAGGAGGCGCTG
GAGGCCAGCAGAGCCTGGGGCGAACGGTAGGTCTGCAGGGCCTTTCTCCCTCCTGCTTGCCGGGG
ACTCTCCTGAACACGGCCACCTACGCCAGGCCTGTCCCATGTGGCTTCCCTCAAAGGGGGCCACTG
TGCTCTTGCTGCGTCCCAGACCCATGGGACTCTCCTTCCCTCCACCTATGGCTGCCAGAGTAACCGC
ACGGCCAGCGTGGCCACCCTGCGCATGAAGGCCCGGAGCACTCAGAAGCTGTCTGCAGTCAGCCAAC
CTCCTGCCTTCCACCAGCAGCAGCCCGGCCCTGTGCGCAAGCCGGCGCCCCAGATGGCAGCCAGGAA
AAGACCTCTCCACCAAGGAACAGAGCGAGGCAGAGAAGAGTGTATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001080520

Insert Size: 807 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_001080520.1](#)

RefSeq Size: 807 bp

RefSeq ORF: 807 bp

Locus ID: 644168

Cytogenetics: 10q11.23

MW: 29.1 kDa

Gene Summary: Transcription factor required for the formation of correct projections from nociceptive sensory neurons to the dorsal horn of the spinal cord and normal perception of pain.
[UniProtKB/Swiss-Prot Function]