

Product datasheet for RN202319

Robo3 (NM_001108135) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Robo3 (NM_001108135) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Robo3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202319 representing NM_001108135 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCACGCATCGTGGAGCAGCCGCCAGATCTGCTCGTTCCAGGGGCGAGCCGGCCACTCTGCCCTGCC
GTGCTGAAGCCCGCCTCGACCAACATCGAGTGGTACAAGAATGGGGCGCGCTGGCCACTGCACGCGA
GGATCCGCGGGCTCACCGCTGCTGCTGCCAGCGGCCCTCTCTTTCCCGCATCGTGCACGGGCGT
CGCTCTCGGCCTGACGAGGGTGTCTACACCTGTGTGGCTCGCAACTACCTGGGAGCAGCGCTAGCAGAA
ACGCCTCTCTGGAAGTAGCTGTCTCCGAGACGATTTCCGGCAATCTCCTGGGAACGTGGTGGTAGCAGT
GGGGGAGCCAGCAGTAATGGAATGCGTGCCCCCTAAGGGTCAACCAGAGCCTTTGGTGACCTGGAAGAAG
GGCAATACAAAGCTTAAGGAAGAGGAGGGAAGGATCACCATACGTGGAGGAAAGCTGATGATGTCACATA
CATTCAAGAGTGTGCTGGCATGTACATGTGTGTAGCCTCAACATGGCTGGAGAACGAGAGAGTGGGGC
AGCTGAACTTGTGGTACTGGAGCGTCCCTCATTCTGCGTAGACCAATAAACCAGGTTGCTCTGGCTGAT
GCCCTGTGAATTCCTGTGTGAGGTGCAGGGAGATCCCAGCCCAATCTACGCTGGCGCAAGGATGATG
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AGACGAGGGGACTTACACCTGTGTGGCAGAAAACAGTGTGGGCCGAGCAGAGGCATCTGGCTCCCTCAGT
GTTACAGTCCCACCACAGTTTGTGACTAAGCCCAAGAACCAGACAGCAGCTCCTGGAGAAAACGTGTCTT
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TTTCCCTAGTCAGTCACTCCAGCCCATGGGACGCCTTTAGTCTCTCCAAGAGGCCAGCTCAACATCACT
GAAGTAAAGATCGGGGATGGTGGCTACTATGTGTGCCAGGCTGTGAGTGGCTGGTAGCATCCTGGCTA
AGCCCTGTTAGAGATAAAAGGAGCCTCCATAGATGGACTACCTCCCATCATTCTCCAGGGACCAGCCAA
TCAGACATTGGTACTTGGCTCTTCTGTGTGGCTGCCATGCAGAGTGATTGGAAACCCTCAGCCCAATGTC
CAATGGAAGAAGGATGAGACGTGGTGCAGGGGATAACTCACAGTTCACTTAATGGACAACGGCACAC
TATACATTGCCAGTGTACAGGAGATGGACATGGGTTTCTACAGCTGTGTGGCCAAGAGTTCCATAGGGGA
GGCCACATGGAATAGCTGGCTTAGGAAGCGAGAACATTGGGGAGCATCACCAGGTCAGCAACAGAACCC
GGTAATCTCCAGGCCCTCCCTCTCAGCCAATAGTCACAGAGGTAACCACAAACAGCATTACCTTGACCT
GGAAGCCCAATCCACAGTCTGGGGCCAGAGCTACCTCCTATGTGATAGAGGCCTTCAGCCAAGCAGCTGG
CAACACGTGGCGGACGGTGGCAGATGGGTACAGCTGGAACGCACACCGTCAAGCGCCTGCAGCCCAAT



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ACCATCTACCTATTCCTCGTGAGAGCTGTTGGAGCCTGGGGCCTCAGTGAACCCAGTCTGTCTCTGAGC
 CTGTTCAAACCCAGGACAGCAGCCTATCTAGGCCAGTGGAGGACCCGTGGAAAGGCCAGCAAGGACTGGC
 TGAAGTGGCCGTGCGAATGCAGGAGCCCATAGTCTTGGACCCAGAAGTCTGCAGGTGTCTGGACTGTA
 GAGGGCCTGGCCAGCTGGTTCCAGGATTCCTGTGTCTTGGAGGATTGCAGGCCTTGACCAGGGAAAGCT
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 GTATCACTGTATCCTGGGAGCCTCCACTTCCCTCCCAGCAAAATGGGGTTATCACTGAATACCAGATCTG
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 CGGGGACTGCTACCGGGCCTGCTCTATAGAGCCATAGTGGCAGCAGCTACCAGCGCTGGCGTGGCGTGG
 CCAGTGCCCCAGTGTAGTGCAGCTGCCATTCCCTCCGTTGCGGAGCCCGGGCTGAGGTGAGCGAGGG
 GCTGGCGGAACGGTTGTCTAGGGTGTGCGGAAGCCTGCTTTCCTGGCTGGCAGCAGCGCGGCTGTGGG
 GCGCTGCTTTCGGGCTCTGCGCCGCCCTATCGGCGCCAGAAGCAACGCAAAGAGCTCAGTCATTATA
 CCGCTCCTTTGCTACACACCTGCAGTGTCTTCCACTCAGAGGGCCTTTCTGGATCCAGTCCAG
 GCCACCATGGGCCTTGGCCTGTGCCTACCCATGGCTGGCAGACTCCTGGCCCCACCCATCTCGAAGT
 CCCTCAGCTCAGGAACCCCGGGGAGCTGCTGCCCCAGCAATCCTGATCCAGATGATAGATACTACAATG
 AGGCAGGAATCTCCCTGTACTTGGCTCAGACTGCACGGGGTGTAAATGCCCTGGCGAGGGTCTGTCTA
 CAGCACCATTGACCCAGTAGGGGAAGAGCTACAGACCTTCCACGGAGGGTCCCTCAACATTCTTCTGGG
 GACCCAAGCACCTGGAGCCAGTATGCTCCCCCGAATGGAGCGAGGGGGACAGTGGAGCCAGGGGAGGCA
 AAGGGAAGCTTCTAGGCAAACCTGTGCAGATGCCCTCTTTGAGCTGGCCAGAAGCCCTGCCGCCACTCC
 CCCTTCTGTGAATTGAGCTGCCAGAGGGGCTGAGGAGGAGCTGAAGGGCAGTTCAGATCTGGAAGAG
 TGGTGCCCAACATGCCTGAGAAAAAACACTTGATTGACTCACGTTCCAGTGGTGCATGGTGGCTC
 CAGCCCCAGGGGAACTCCCTCCCTACCTCTTCTTACGGACAGCAGTCCACAGCCACTTTACCCCTC
 ACCTCCTGACCCTCCCCAGCCCCCTAGCGACATCCCACATCTCCATCAGATGCCAGGAGGGTGGCCCTT
 GGACCAAGTTCTCCTCTCAGCGTATCCCAGCCTGCTCTGAGTAGCCATGATGGAAGGCCTGTTGGCCTGG
 GTGCTGGCCCTATAGTCTCTTATCACCTAGCCCCAGTCTGTCCCTAGTACAGCCAGCAGTGCACCAGG
 GAGAACTCGCCAGGTAAGTGGAGAGATGACTCCCCACTCCATGGACACCGTGGCCGAATCCGGAAGAAA
 ACCAAGGCTCTTCCACATAGAAGGGAACACAGTCTGGGACTTGCCCCACCACCCTTGCACCACCAG
 AGGAAGAGACGAGCTGGCCCTTGGGTCTGAGAGCAGCAGGCAGCATGTCTTCCCTAGAGCGAGAGCACAG
 TGGGGAGAGGAGTGGCCAGGCAAGTGCCTTAGGGGCCAACCTCCAGGGGCCAACGTGGCCCCAC
 CCTGATGGTAAGGAGAGCCAGGGCAATGGGAGGGGCTGGAGGCTTGAGAAGTCCCAAAGTCCCAGA
 TTCAGTTGGATTCAGTGTCTGGTCAACATTGATATTGTCTCTTATCTCTTTCACCTCCTCTAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108135

Insert Size:

3918 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:

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_001108135.1, NP_001101605.1

RefSeq Size: 5682 bp

RefSeq ORF: 3918 bp

Locus ID: 315564

Cytogenetics: 8q21