

Product datasheet for **MC220661**

Robo4 (BC071193) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Robo4 (BC071193) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Robo4
Synonyms:	1200012D01Rik; AI593217
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC071193
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCTCTGGAGAACGGCCCTCTGGGACGGAGTGGCCTCTGCCTCTGCTGCTCTTTTCATCATGG
 TCCTCCAGGAGGACTTCCAGATCCAACCTCGGGACACAGTGGCCGTGGTGGGAGAGAGCTTGGTTCTTGA
 GTGTGGTCTCCCTGGGGCTACCCAAAACCTCGGTCTCATGGTGGAAAGACGGGAAACCCCTGGTCTC
 CAGCCAGGAGGCGCACAGTATCTGGGATTCCCTGATGGTGTCAAGAGCAGAGAAGAATGACTCGGGGA
 CCTATATGTGTATGGCCACCAACATGTGGGCAACGGGAGAGCCGAGCAGCCAGGGTGTCTATCCAGGA
 ATCCCAGGACCACAAGGAACATCTAGAGCTTCTGGCTGTTGCGATTGAGCTGGAAATGTGACCCTGCTA
 AACCCCGAACCTGTAAGAGTCCAAGCCTGGGCCATCCGTGTGGCTCAGCTGGAAGGTGAGCGGCCCTG
 CTGCACCTGCTGAGTCATACACAGCTCTGTTGAGACTCAGAGGTCACCCAGGGACCAAGGATCTCCATG
 GACAGAGGTGCTGCTGCGTGGCTTCAGAGTGCAGAGCTTGGGGTCTCCACTGGGGCCAAGACTATGAA
 TTCAAAGTGAGACCGTCTCCGGCCGGGCTCGAGGCCCTGACAGCAATGTGTTGCTCCTGAGGCTGCCTG
 AACAGGTGCCAGTGCCCACTCAAGGAGTGACCTTAAGATCTGGCAACGGTAGTGTCTTTGTGAGTTG
 GGCTCCACCACCTGCTGAAAGCCATAATGGTGTATCCGTGGTACCAGGTCTGGAGCCTGGGCAATGCC
 TCATTGCTGTGCCAAGTGGACCGTAGTGGGTGAACAGACCCAGCTGGAGATCGCCACACGACTGCCAG
 GCTCCTATTGTGTGCAAGTGGCTGCAGTCACTGGAGCTGGTGTGGGAACTCAGTACCCCTGTCTGCCT
 CCTTTTAGAGCAGGCCATGGAGCAATCAGCAGGAGACCCAGGAAACATGTTCCCTGGACCCTGGAACAG
 CTGAGGGCCACCTTGAGACGACCAGAAGTCAATGCCAGTAGTGTCTACTCTGGTTGCTGCTACTAG
 GCATTACTGTGTATCTACAGACGACGAAAGCTGGGGTGCACCTGGGCCAGGTTGTACAGATACAC
 CAGCGAGGACCGCAATCTAAAACACAGGATGGACCACAGTGAATCCCATGGCTGGCAGACACCTGGCGT
 TCCACCTCTGGCTCTCGAGACCTGAGCAGCAGCAGCAGCCTTAGTAGTCGGCTGGGATTGGACCCTCGGG
 ACCCACTAGAGGGCAGGCGCTCCTTGATCTCCTGGGACCCTCGGAGCCCCGGTGTACCCCTGCTCCAGA
 CACGAGCAGTTTTACGGCTCCCTCATTGCAGAGCAGCCTCCAGCCCTCAGTCCGGCCAAGCCCCAAG
 ACACCAGTGTAGGGCTTTCCATCCAAGTTGGCTGGAACCTCCAGCCCTGGGCTAGCTCAGATAGTC
 TCTGCAGCCGAGGGGACTCTGTCCCCACGATGTCTCTGACCCTACAGAGGCTTGGAAAGCCAAAA
 GAAGCAGGAATTGCACCAAGCTAACAGTCCCCACTGCTCCGGGGCAGCCACCCATGGAATCTGGGCC
 TGGGAGTTGGGAAGCAGAGCCTCCAAGAACCTTTCTCAAAGCCAGGTCCAAACTCTGGTCCCCAGGAG
 AAGCGCCCCGAGCCGTGGTATCCTGGCGTGTGTGGGACCACAATTCACCGCAACTCCAGTGAAGTGGC
 ATCTCGTCCACTCCCTCCAACACCCCTTTCTCTCGTGGAGCTTCCAGTCATGACCCACAGAGCCAGTGT
 GTGGAGAAGTCCAAGTCCCTCCTCTGACCCACTGCCAGCAGCCCTCTCTCCGTCTCAACTCTTCCA
 GACCTTCCAGCCCCAGGCTCTTTCTCTCCTGTCTAGCCATCCTCCAGCAACTGTCCAGTCCCTC
 GCTGTATCCTTAGAGGAGGAGGAGGATCAGGACAGCGTGTCAACCCGAGGAGGTAGCCCTGTGTCTG
 GAGCTCAGTGTGGGAGGAGACACCCACGAACAGTGTATCTCCTATGCCAAGAGCTCTTCCCCGCCAA
 CAACCTATGGCTATATCAGCATAACCACTGCTCAGGACTGGCAGACATGGGAGAGCTGGCGGGGGCGT
 GGGGTCTGAGGTTGGGAACCTACTGTATCCACCTCGGCCCTGCCCCACCCCTACACCCAGCGAGGGCTCC
 CTGGCCAATGGTTGGGGCTCAGCTTCTGAGGACAATGTCCCAGCGCCAGGGCCAGCCTGGTTAGCTCTT
 CTGATGGCTCCTTCTCGCTGATACTACTTTGCTCGTGCCCTGGCAGTGGCTGTGGATAGCTTTGGCCT
 CAGTCTGGATCCCAGGGAAGCTGACTGTGCTTCACTGATGCCTCATCACCTCCCTCCCCTCGGGGTGAT
 CTCTCCCTGACCCGAAGCTTCTCTGCTTTGTGGGAGTGGAGGCCAGACTGGTTGGAAGATGCTGAGA
 TCAGCCACACCCAGAGGCTGGGGAGGGGCTGCCTCCCTGGCCTCCTGATTCTAGGGCTCTTCCCAGCG
 AAGTTGGTAAGTGGTGTGTCACCAAGGCTGGTATTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC071193

Insert Size:	2706 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:	BC071193 , AAH71193
RefSeq Size:	3419 bp
RefSeq ORF:	2705 bp
Locus ID:	74144
Cytogenetics:	9 A4
Gene Summary:	Receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. May mediate the inhibition of primary endothelial cell migration by Slit proteins.[UniProtKB/Swiss-Prot Function]