

Product datasheet for MC207154

Rhoj (BC060193) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhoj (BC060193) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rhoj
Synonyms:	TC10L, TCL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC060193 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTGCAGAGAGAGGACCGACAGCAGCTGCGGCTGCAATGGACATGAGGAGAACAGGATCCTGAAGT
GCGTGGTGGTGGGGACGGCGGGTGGGAAGACCTGCTTGCTGATGAGCTACGCCAACGACGCCTTCCC
AGAGGAATACGTGCCACTGTGTTTGACCACTACGCAGTTACCGTGACGGTGGGAGGCAAGCAGCACTTG
CTTGGACTATACGACTGCAGGACAGGAGGATTACAACCAGCTCGGCCACTCTTTACCCCAACACAG
ATGTGTTTCTCATCTGCTTCTGTCGTAACCCAGCCTTTACCACAACGTTTCAGGAGGAGTGGGTCCC
GGAAGTGAAGGACTGCATGCCTCATGTGCCTTATGTGCTCATCGGAACCCAGATTGATCTCCGAGATGAC
CCCAAAACCTTGCGCGTCTGCTGTACATGAAGGAGAAGCCCCTCACCTATGAGCACGGCGTGAAGCTGG
CGAAAGCGGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	BC060193
Insert Size:	924 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).


[View online »](#)

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC060193
RefSeq Size:	4792 bp
RefSeq ORF:	503 bp
Locus ID:	80837
Cytogenetics:	12 C3
Gene Summary:	Plasma membrane-associated small GTPase specifically involved in angiogenesis (By similarity). Required for endothelial cell migration during vascular development via its interaction with GLUL (By similarity). Elicits the formation of F-actin-rich structures, thereby regulating endothelial cell migration (PubMed:10967094).[UniProtKB/Swiss-Prot Function]