

Product datasheet for MC215460

Rsph3b (NM_001083945) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rsph3b (NM_001083945) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rsph3b
Synonyms: Rshl2b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215460 representing NM_001083945
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACAGACCGTAACCCTCGGACAGCCGAGGCCTCAGGCCTCTACACCTATTCCAGCAGGCCCGGGCCG
 TGGCTTCCAGCGCCGCCACCGAGACAGCATTTTGCAGCCAGTTGAAGAACCATGAGTTACGGGAA
 CATCATGTATGACAGAAGGGTGATCCGAGGCAACACCTATGCACTGCCACAGGACAGGTGCCTGGACAG
 CCTGATCCTCTAGAGCTTACGCGACAGCAGCAGGCCAGGAGAAGGGCTCTTGCCAGAAAACGAGCCAGG
 AGCAGCTCAAACCACGAACGCCTGAGCCGTGGAGGGCAGAAAAGCATGTGGACATACAAACAGAATTATA
 CCTTGAAGAAATTGCTGATCGCATAGTTGAAGTCGACATGGAATGCCAGACAGATGCGTTTCTGGACAGA
 CCACCCACACCCCTCTTCATTCTGCCAAAAGTGGCAAAGATGTGGCCACTCAGATCCTGGGAGGAGAGC
 TTTTCGACTTTGACCTTGAAGTCAAGCCCATGTTAGAGTTTTGGTGGGAAGACGATTGAACAGTCCCT
 TCTAGAGGTGATGGAAGAGGAGGAGCTGGCCAACCTGCGGGCCAGGCAGTACGCATATGAAGAGATAAGG
 AACGTGGAGCTGGCCGAAGTGCAGCGACTGGAAGAGCAAGAGAGAAGGCACCGAGAAGAAAAGGAGCGCC
 GTAAGAAAACAGCAGTGGGAGATTGCCATAAGCGGAATGAGACGTTACAGAAGATCTCAGCTCTGATATT
 CGCTCGGCAGTACCTGGCTAACCTCCTCCCGTCTGTCTTTGACAAACTCAGGAATAGTGGCTTCTTTTAT
 GATCCAATTGAAAGAGATATTGAGGTAGGATTCCTCCCATGGCTAATGAATGAAGTTGAAAAATCCATGG
 AACACAGCATGGTGGGAAGAACTGTGCTTGACATGTTAATTCGCGACGTGGTTGAAAGAAGGATCAACGA
 TTACGAGCACAAGGAAGCCATGCCGCTGGTCAGAAGACAAATGTGATTAATGGTCTAACACAGTGACA
 GATCCCTCGGTGACCACATTGCACACGCAGAAGCCAGTTTTAGACAGAGTCTCCTCACAGCCAGCACCAT
 CCCAAGAAAGGAAGCCTGTGGAAGAGGGGGACACCTTATGGCAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001083945
Insert Size:	1170 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:	<u>NM_001083945.1</u> , <u>NP_001077414.1</u>
RefSeq Size:	1614 bp
RefSeq ORF:	1170 bp
Locus ID:	100037282
UniProt ID:	<u>Q9DA80</u>
Cytogenetics:	17 A1
Gene Summary:	Functions as a protein kinase A-anchoring protein that scaffolds the cAMP-dependent protein kinase holoenzyme. May serve as a point of convergence for MAPK and PKA signaling in cilia (By similarity).[UniProtKB/Swiss-Prot Function]