

Product datasheet for RN202988

Rheb (NM_013216) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rheb (NM_013216) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rheb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202988 representing NM_013216 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCAGTCCAAGTCCCAGGAGATCGCCATCCTGGGCTATCGGTCTGTGGGAAAGTCCTCATTGACAA
TTCAGTTTGTGAAGGTCAATTTGTTGATTCTACGATCCAACCATAGAAAACACATTCACCAAGCTGAT
CACAGTAAATGGGCAAGAGTATCATCTTCAGCTGTAGACACAGCAGGGCAGGATGAATATTCATTTTT
CCTCAGACATACTCCATAGATATTAATGGTTATATTCTTGTGTATTCTGTTACATCAATCAAAGCTTTG
AAGTAATTAAGTTATCCACGGCAAGCTGTTGGACATGGTGGGAAAGTCAGATACCGATTATGTTAGT
CGGAAATAAGAAGGACCTGCATATGAAAAGGGTGATCAGTTATGAAGAAGGAAAGGCTTTGGCAGAATCT
TGGAAATGCAGCTTTTTTGGAAATCTTCTGCAAAAAGAAAATCAGACTGCTGTGGATGTTTTTAGAAGGATAA
TTTTGGAAGCAGAAAAGATTGACGGAGCGGCTTACAAGGGAAGTCTTCGTGCTCGGTGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_013216
Insert Size:	555 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).



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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_013216.1, NP_037348.1</u>
RefSeq Size:	1088 bp
RefSeq ORF:	555 bp
Locus ID:	26954
UniProt ID:	<u>Q62639</u>
Cytogenetics:	4q11
Gene Summary:	may play a role in synaptic plasticity [RGD, Feb 2006]