

Product datasheet for **RN215026**

Grip2 (NM_138535) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grip2 (NM_138535) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grip2
Synonyms:	Abp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215026 representing NM_138535 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTTGGCGGTGTCACTCAAGTGGCGGCTGGGCGTGGTGAGGCGGCGGCCAAAGACGATGGGCCTTACT
CAAAGGGGGAAAGGACACAGCGGGGACTGATGGGGCCCTGGTGTGCCGCCGACAGCATTCCAGAGGA
GTTCCGGGGCATCACCATGGTGGAGCTGATCAAGCGTGAGGGCAGCACTCTGGGCCTGACTATCTCAGGA
GGGACTGACAAGGACGGGAAGCCAGAGTCTCAACCTGAGACCCGGGGCCTTGCAGCCAGGAGCGATC
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CATCACATTGCTGAAGAATGTGGCGAGCGCGTGGTGTGGAGGTGGAGTATGAGCTGCCCCCGCCGCT
CCCGAAAACAACCCGAGGATCATTTCCAAGACGGTGGACGTCTCCCTCTACAAGGAAGGCAACAGTTTTG
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GCCTGGTGGCCAGCAGACAGGGAGGGTTCCTAAAGGTGGCGACAGGCTGCTCAGCATAGATGGGATC
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TTTATTGAACCTGACAGCCCTGCTGAGAGGTGTGGTCTGCTGCAGGTGGGGGACCGCTCTAGCCATAA
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TGGCCGTTCCACTCCTGGCAGAGGCTGGGACATCCTTGAGCTGGTGGTCAGCCGAAACCTCTGGCACA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_138535
Insert Size:	3132 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:	<u>NM_138535.2, NP_612544.2</u>
RefSeq Size:	5179 bp

RefSeq ORF:	3132 bp
Locus ID:	171571
UniProt ID:	<u>Q9WTW1</u>
Cytogenetics:	4q34
Gene Summary:	may bind AMPA receptors; may play a role in targeting AMPA receptors to synapses [RGD, Feb 2006]