

Product datasheet for MC211193

Grap (NM_027817) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Grap (NM_027817) Mouse Untagged Clone
Tag: Tag Free
Symbol: Grap
Synonyms: 8430435N19Rik; BB233594
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211193 representing NM_027817
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTCCGTGGCCCTGTACAGCTTCCAGGCTACCGAGAGTGACGAGCTGGCCTTCAACAAGGGGGACA
 CGCTTAAGATCCTGAACATGGAAGATGACCAGAAGCTGGTACAAAGCTGAGCTCCGAGGAGCGGAGGTTT
 TGTTCCTCAAGAACTACATCCGTGTAAGCCACACCCGTGGTACTCGGGCAGGATCTCTCGACAGCTGGCT
 GAAGAGACTCTGATGAAACGCAACCACCTAGGAGCCTTCTGATCAGGGAGAGTGAGAGTTCCTCCCTGGCG
 AGTTCTCCGTCTCTGTGAATTATGGTGACCAGGTGCAGCACTTCAAAGTGCTTCGAGAGGCCCTCAGGGAA
 GTACTTCTGTGGGAGGAGAAGTTCAACTCCCTCAACGAGCTGGTCGACTTCTACCGCACCACCACCATC
 GCCAAGAGGCGGCAGATCTTCTGTGTGACGAGCAACCACTGATCAAGCCATCCCGGGCTTGCTTTGCC
 AGGCCAGTTTGACTTCTCGGCACAGGATCCATCTCAGCTCAGCCTCCGCCGAGGTGACATCGTGGAAAGT
 TGTGGAGCGTGAGGATCCACACTGGTGGCGGGCCGGGCAGGCGGGCGCCTGGGCTTCTCCACGGAGC
 TACGTGCAACCGGTACACTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027817
Insert Size: 654 bp



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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_027817.3</u> , <u>NP_082093.1</u>
RefSeq Size:	1599 bp
RefSeq ORF:	654 bp
Locus ID:	71520
UniProt ID:	<u>Q9CX99</u>
Cytogenetics:	11 B2
Gene Summary:	Couples signals from receptor and cytoplasmic tyrosine kinases to the Ras signaling pathway. [UniProtKB/Swiss-Prot Function]