

Product datasheet for **RN211019**

Ly6g6f (NM_001003691) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ly6g6f (NM_001003691) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ly6g6f
Synonyms:	G6f
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211019 representing NM_001003691 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGATGGTAGTATTCTCTCTGTACTTGTGCGGGCACCCTCAGGCTGCTGCAGACAACATCCAGA
 CCCTCTATGTACCCTCAGGAGAGTCCATGGAGATGCCGTGCCCTTACCCCCCTCCCTACTTGGGGCCA
 ACTTCTAATTGGTTCCGCAGCCCCGATCAGGCTCTCCACCATTTTGGTGGCCAGGTCCAAGTAGAC
 AGGCCAATCTCAGACCTGGGAAAGCTGACCCTGATTCCAGGTTCAAAGTCCTTGGAAATTATTCCTGC
 GGCTGGAGGGGTCCAGAGATGAAGACGCAGGACGCTACTGGTGTACTGTTATGGACCAGAACCACAAGTA
 CCAGAACTGGAGGGTGTATGATGTCTCTGTGCTCAAAGGATCCCAGTTCTCCGTGAAGTCTCCAGACGGT
 CTCTCTTGCTCTGCCCTCTGTGCTCTGTGGTCCCCGCCAGGCGTCTGGACTCCGTGACCTGGCTAGAGG
 GAAGGAATCCTGTGAGAGGACATGCCCAGTACTTCTGGGAGAAGGGGCCGCCCTGCTCTTGGTGTGCC
 TACAGAGGGGGTTCTGAGACCAGGAGCCGTAGGCCGAGGAACATTGCTGCCTTATGCCACAGAACAA
 AGATTCAGCTTTAGCGTGGCAGCTCTGCAGAACCCCTCCCACTGTTTGTGCCCTCTCCCGAGCTGGG
 ATGTGCTCTGGATACTGATGCTGTTGTTGCGCAGCAGGCCAAGGGGTCACCATCATAGCCCTCAGCATAGT
 GATCTGGAGGCATCAGAGGGCCAGGGGACTCAGGACAGAGAACCCTCGATTCCCCATTTCAAGCCTGAA
 GTTCAGGTCTATGAGAACATCCACTTGGCCCGCCTTAGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001003691
Insert Size:	882 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:	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_001003691.1</u> , <u>NP_001003691.1</u>
RefSeq Size:	915 bp
RefSeq ORF:	882 bp
Locus ID:	309609
UniProt ID:	<u>Q6MG56</u>
Cytogenetics:	20p12
Gene Summary:	May play a role in the downstream signal transduction pathways involving GRB2 and GRB7. [UniProtKB/Swiss-Prot Function]