

Product datasheet for **RR215047**

Gpr15 (NM_001105890) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr15 (NM_001105890) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gpr15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR215047 representing NM_001105890 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCAGCAACAACCCTGTTTTATCTGGATTACTATGATGCTACGAGCCCGGATCCTCGTATCATGG
AGACTCCCTCCACACTTCTACACATCTGTCTTCTCCCTGTCTTTTACACAGCTGTGTCTGACTGG
AGTGTGGGGAATTCATCCTCATGGTCACTCTGCATTTCAAACACCGCAACCGAAGATTGATCGATATC
TTTATCATCAACCTGGCTGCCTCGGACTTCATTTTCTTGTACACTGCCACTTTGGGTAGATAAGGAAG
CCTCTCTGGGACTGTGGAGGACTGGCTCTCTCCTGTGCAAAGGCAGCTCCTATACGATCTCAGTGAACAT
GCACTGTAATGTCTTCTGCTCACGTGTATGAGCATGGACCGCTACCTGGCCATCATGCGCCCAACCTTA
GCCAGGAGATTAAGAAGGAGAAGCTGTGCATACGCGGTGTGTGCTGTCATCTGGATCATCTCATGCCTCT
TAGGATTACCACTCTTCTGTCCAGAGGGCTCACTCACATTGAAGGCAAGCCGTAAGTGTGCAGAGAAGAA
ACCCACGTCATTAACCTGATGTGGGGCTGGTAGCCTTGATTGCCACCTTTTTTGTCCCCTCCTGAGC
ATTGTGTCAGCTACTGTTGCATACAAGGAGGCTGTGTGCTCATTACCAGCAGTCGGGAAAGCATAACA
AGAAATTGAGGAAGTCCATAAAGATCATCGTTATTGTGGTGGCGCCTTACCATCTCCTGGGTGCCCTT
TAACACTGTCAAGCTCCTAGCCATTGTTTCAGGATTGCAACCTGAAAGCCAGTTTCCCTCCGAGTCTCTT
CAGCAGGCCATGAAGGTGACTGGGTCTTGGCATTGGCCAAAGCTGCGTCAACCCTCTCTTTACTATA
TCTTTGACAGCTATATCCGCCGGCCATTGTACGAGTCTGTGCCCTTGTCTGAAGATCCACAACATTGG
GAGTAGCACTGAGACATTAGACAGTCACTCACCAAGGCTCTTGCCAACCTTATTCACTCAGAAGATTTT
GTCAAGCGGAGGAAGAGGTCTGTGCACTC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215047 representing NM_001105890
 Red=Cloning site Green=Tags(s)

MEPATTLFYLDYDATSPDPRIMETPSHTSYTSVFLPVFYTAFLTGVLGNFILMVTLHFKHRNRRLIDI
 FIINLAASDFIFLVTLPLWVDKEASLGLWRTGSLCKGSSYTSVNMHCNVFLLTCMSMDRYLAIMRPTL
 ARRLRRRSCAYAVCAVIWIISCLLGLPTLLSRGLTHIEGKPYCAEKKPTSLKLMWGLVALIATFFVPLLS
 IVSSYCCITRRLCAHYQQSGKHKKLRKSIKIIIVVAAFTISWVPFNTVKLLAIVSGLQPESQFPSESL
 QQAMKVTGSLAFANSCVNPLLYYIFDSYIRRAIVRSLCPLKIHNIIGSSTETLDSHLTKALANFIHSEDF
 VKRRKRVSLSL

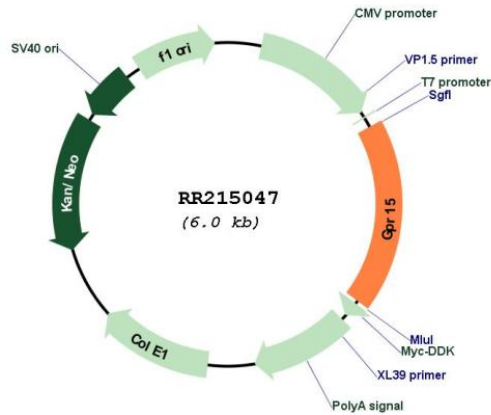
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001105890

ORF Size:	1080 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001105890.1 , NP_001099360.1
RefSeq Size:	1939 bp
RefSeq ORF:	1083 bp
Locus ID:	288181
Cytogenetics:	11q12
MW:	40.7 kDa