

Product datasheet for **RR213791**

Gimap6 (NM_001011968) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gimap6 (NM_001011968) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Gimap6
Synonyms: lan6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213791 representing NM_001011968
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATTGGCTTTACAGTAAAACGCTCGGGTCCATTGGCTCATGCTGTATAGACACTTTGCCCTGGCCGT
TCCATTCCTTCTTCAGAGAAACCTTCTGGCCCTACCAGGAGAGCCAGGAAATCCACTGGAGTCCAGTGC
GACTGAAAGTGGGAAACAGAGCCGTTCTTGCCCTGTCAGCCAGCCAGTATGGAAGAAGAAGGGTGTGAA
CACAGCCTCCAGAAGAATCCACAAAGGCAGTTGCCCTGGACCCTGGACAAGAATTGACAAAAGATCTGA
AGGAGAAAAAGCTCACTCCAAAGAGACTGCAGCTCCTTCTGGTGGGGAAGACAGGAAGTGGGAAAAGTGC
AACAGGAAACAGCATCCTTGGCAGGCAAGTATTTGAGTCCAAAATCAGCGCTCGACCAGTGACCATGGCA
TTCCAGAAAGGCAGCAGGGAGTTGGAGGGGAAGGAACTTGAGGTGATCGACACCCAGATATTTTGTAC
CTCAGAACCAGCCTGAGGCAACAGCTAAGAAGATCTGTGACATCTTGGCCTCACCAGGGCCTCATGCAGT
GCTCCTGGTGATACAGGTAGGCCGGTACACCACAGAGGATCAGGAGGCTGCCAGGTGCCTCCAGGAGATC
TTTGGAAACGGGATCCTGGCTTACACTATTCTGGTGTTCACCCGGAAGGAAGAACTGGCCGAGGGCTCTT
TAGAAGAATATATTAAGAGAACAACAATAAGACCCTGGATGCTCTGGATGTTGCATGTGAGAGACGCCA
TTGTGGCTTCAACAACAGGGCACAAAGGGATGAGCAGGAGGCCAGTTGCAGAAACTTATGGAGGAAATT
GAGTCGATCTTGTGGGAAATGAGGGCCATTGTTACACCATGGAACCTCCAAATGTCTCCAGCAAAACCC
TT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR213791 representing NM_001011968
 Red=Cloning site Green=Tags(s)

MNWLYSKTLGSIGSCCIDTLPWPFHFFQRNLLALPGEPGNPLESSATESGKQSRCLASPMVEEGCE
 HSLQKNPTRQLPLDPGQELTKDLKEKLLTPKRLQLLLVGKGTSGKSATGNSILGRQVFESKISARPVMTA
 FQKGSRELEGKELEVIDTPDILSPQNQPEATAKKICDILASPGHAVLLVIQVGRYTTEDQEAARCLQEI
 FGNGILAYTILVFTRKEELAEGSLEEYIKENNNKTLDALDVACERRHCGFNNAQQDEQEAQLQKLMEEI
 ESILWENEGHCYTMELPNVSSKTL

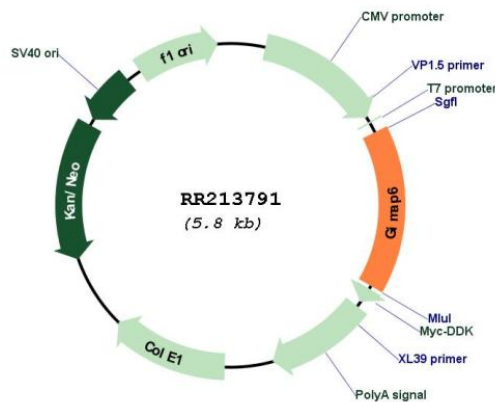
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001011968

ORF Size: 912 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_001011968.3 , NP_001011968.1
RefSeq Size:	1327 bp
RefSeq ORF:	915 bp
Locus ID:	297076
UniProt ID:	Q5FVN6
Cytogenetics:	4q24
MW:	33.7 kDa