

Product datasheet for MR209417

Igh (BC018315) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igh (BC018315) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Igh
Synonyms: Igh6, muH
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR209417 representing BC018315
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209417 representing BC018315
 Red=Cloning site Green=Tags(s)

MEWTWVFLFLLSVTAGVHSQVQLQQSGAELMKPGASVKISCKATGYTFSSYWIEWVKQRPGHLEWIGEI
 LPGSGSTNYNEKFKGKATFTADTSSNTAYMQLSSLTSEDSAVYYCARRLGRWYFDVWGAGTTVTVSSESQ
 SFPNVFPLVSCESPLSDKNLVAMGCLARDFLPSTISFTWNYQNNTEVIQGIPTLRTGGKYLATSQVL
 LSPKSILEGSDEYLCKIHYGGKNRDLHVP I PAVAEMNPVNVFVPPRDFSGPAPRKSCLICEATNFTP
 KPITVSWLKDGLVESGFTTDPVTIENKSTPQTYKVIISTLTISEIDWLNLVYTCRVDHRLTFLKNVS
 STCAASPSTDILTFTIPPSFADIFLSKSNLTCLVSNLATYETLNI SWASQSGEPLETKIKIMESHNGT
 FSAKGVASVCVEDWNNRKEFVCTVTHRDLPSPQKFKISKPNVHKHPPAVYLLPPAREQLNLRRESATVTC
 LKGFSPADISVQWLQRGQLLPQEKYVTSAMPPEPGAGGFYFTHSILTVTEEEWNSGETYTCVVGHEALP
 HLVTERTVDKSTEGEVNAEEGFENLWTTASTFIVLFLLSLFYSTVTTLFKVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

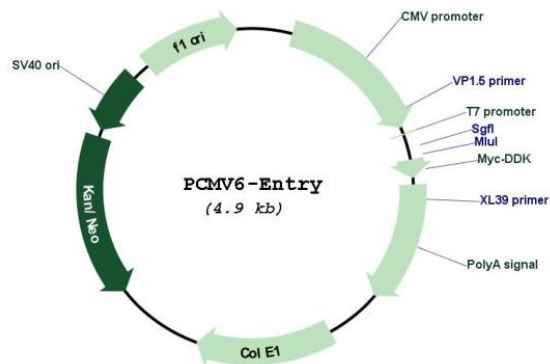
Restriction Sites: Sgfl-Mlul



Cloning Scheme:



Plasmid Map:



ACCN: BC018315

ORF Size: 1841 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:	<u>BC018315</u>
RefSeq Size:	2154 bp
RefSeq ORF:	1841 bp
Locus ID:	16019
Cytogenetics:	12 62.1 cM
MW:	79 kDa