

Product datasheet for MR222045

Igll1 (NM_001190325) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igll1 (NM_001190325) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Igll1
Synonyms: BB139905; Igl-5; IglI; Lambda5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222045 representing NM_001190325
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGCTCAGAGTAGGACAGACTCTGGGCACTATCCCCAGGCAGTGTGAAGTTCTCCTCCTGCTGCTGC
 TGTTGGGTCTAGTGGATGGTGTCCACCACATACTTTCCCCAAGCTCAGCAGAAAGGAGCAGAGCTGTGGG
 CCCTGGAGCTTCAGTGGGAAGCAACAGGCCTAGCCTATGGGCCCTCCCGGCAGGCTCCTGTTCCAGATC
 ATCCCACGGGGAGCAGGTCCCAGGTGCTCGCCCCATAGGCTTCCATCTAAGCCCCAGTTTGGTATGTCT
 TTGGTGGTGGGACCCAGCTCACAATCCTAGGTCAGCCCAAGTCTGACCCCTTGGTCACTCTGTTCCCTGCC
 TTCCTTAAAGAATCTTCAGGCCAACAAGGCCACACTAGTGTGTTGGTGAGCGAATTCTACCCAGGACT
 TTGGTGGTGGACTGGAAGGTAGATGGGGTCCCTGTCACTCAGGGTGTAGAGACAACCCCAACCTCCAAC
 AGACCAACAACAATACATGGTCAGCAGCTACCTGACACTGATATCTGACCAGTGGATGCCTCACAGTAG
 ATACAGCTGCCGGTCACTCATGAAGGAAACACTGTGGAGAAGAGTGTGTACCTGCTGAGTGTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222045 representing NM_001190325
 Red=Cloning site Green=Tags(s)

MKLRVGQTLGTIPRQCEVLLLLLLLLGLVDGVHHILSPSSAERSRAVGPASVGSNRPSTLWALPGRLLFQI
 IPRGAGPRCSPHRLPSKPQFWYVFGGGTQLTILGQPKSDPLVTLFLPSLKNLQANKATLVCLVSEFYPGT
 LVVDWKVDGVPVTQGVETTQPSKQTNNKYMVSSYLTLISDQWMPHSRYSCRVTHEGNTVEKSVSPAEC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

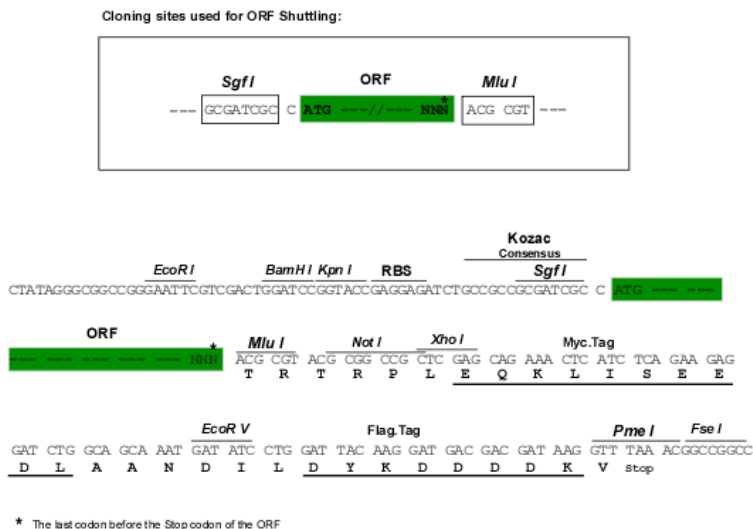


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Chromatograms: https://cdn.origene.com/chromatograms/mm9057_g09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001190325

ORF Size: 627 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:

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_001190325.1](#), [NP_001177254.1](#)

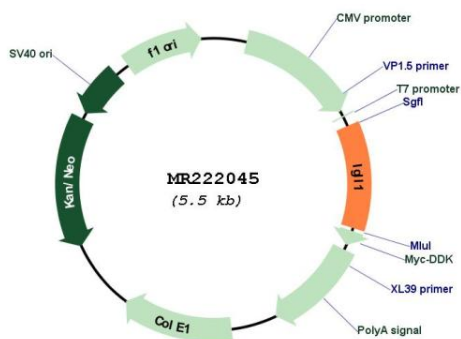
RefSeq Size: 870 bp

RefSeq ORF: 630 bp

Locus ID: 16136

UniProt ID: [P20764](#)
 Cytogenetics: 16 10.45 cM
 MW: 22.8 kDa
 Gene Summary: Critical for B-cell development.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222045