

Product datasheet for **RC235972**

IGLL5 (NM_001256296) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IGLL5 (NM_001256296) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: IGLL5
Synonyms: IGL; IGLV; VL-MAR
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC235972 representing NM_001256296
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCTGCTGCGCCAATGGTTGCACCGCAAAGCGGGACCCAGACCCTGGAGCCTCAGTTGGAAGCAG
CCGATCCAGCCTGCGGAGCCTGTGGGGCAGGTCAGCCCAAGGCCAACCCACTGTCCTGTTCGCC
CTCCTCTGAGGAGCTCCAAGCCAACAAGGCCACACTAGTGTGTCTGATCAGTGACTTCTACCCGGGAGCT
GTGACAGTGGCCTGGAAGGCAGATGGCAGCCCCGTCAAGGCGGGAGTGGAGACCACCAAACCTCCAAC
AGAGCAACAACAAGTACGCGGCCAGCAGCTACCTGAGCCTGACGCCCAGCAGTGGAAAGTCCCACAGAAG
CTACAGCTGCCAGGTCACGCATGAAGGGAGCACCGTGGAGAAGACAGTGGCCCTACAGAATGTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235972 representing NM_001256296
Red=Cloning site **Green**=Tags(s)

MACCAQWLHRKAGTQTLEPQLEAADPACGACGAGQPKANPTVTLFPPSSEELQANKATLVCLISDFYPGA
VTVAWKADGSPVKAGVETTKPSKQSNNKYAASSYLSLTPEQWQSHRSYSCQVTHEGSTVEKTVAPTECS

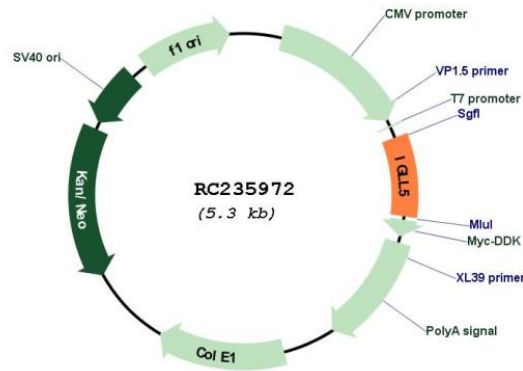
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:

ACCN:

NM_001256296

ORF Size:

417 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_001256296.2
RefSeq Size:	955 bp
RefSeq ORF:	420 bp
Locus ID:	100423062
Cytogenetics:	22q11.22
MW:	15.2 kDa
Gene Summary:	This gene encodes one of the immunoglobulin lambda-like polypeptides. It is located within the immunoglobulin lambda locus but it does not require somatic rearrangement for expression. The first exon of this gene is unrelated to immunoglobulin variable genes; the second and third exons are the immunoglobulin lambda joining 1 and the immunoglobulin lambda constant 1 gene segments. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]