

Datasheet for ABIN4919351

## Human IGLL5 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	IGLL5
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human IGLL5 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	420 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGGCCTGCT GCGCCCAATG GTTGCACCGC AAAGCGGGGA CCCAGACCCT GGAGCCTCAG            TTGGAAGCAG CCGATCCAGC CTGCGGAGCC TGTGGGGCAG GTCAGCCCAA GGCCAACCCC            ACTGTCACTC TGTTCCTGCC CTCCTCTGAG GAGCTCCAAG CCAACAAGGC CACACTAGTG            TGTCTGATCA GTGACTTCTA CCCGGGAGCT GTGACAGTGG CCTGGAAGGC AGATGGCAGC            CCCGTCAAGG CGGGAGTGGA GACCACCAA CCCTCCAAAC AGAGCAACAA CAAGTACGCG</p>

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## Product Details

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GCCAGCAGCT ACCTGAGCCT GACGCCCGAG CAGTGGAAGT CCCACAGAAG CTACAGCTGC  
CAGGTACGC ATGAAGGGAG CACCGTGGAG AAGACAGTGG CCCCTACAGA ATGTTCATAG

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene: IGLL5

Alternative Name: IGLL5 ([IGLL5 Products](#))

Background: 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].

Gene ID: 100423062

NCBI Accession: [NM\\_001256296](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: RT/-20 °C

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## Handling

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- Storage Comment:
- Keep the vial sealed and store at -20°C for long-term storage.
  - Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
  - Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
  - If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
  - Close the lid and vortex the vial for 1 minute.
  - Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
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Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)