

Product datasheet for **SC333866**

IGLL5 (NM_001256296) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGLL5 (NM_001256296) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGLL5
Synonyms:	IGL; IGLV; VL-MAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333866 representing NM_001256296. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCCTGCTGCGCCCAATGGTTGCACCGCAAAGCGGGACCCAGACCCTGGAGCCTCAGTTGGAAGCA
 GCCGATCCAGCCTGCGGAGCCTGTGGGCGAGTCAAGCCAAGGCCAAGCCCACTGTCACTCTGTTCCCG
 CCCTCCTCTGAGGAGCTCCAAGCCAACAAGGCCACACTAGTGTGTCTGATCAGTGACTTCTACCCGGGA
 GCTGTGACAGTGGCCTGGAAGGCAGATGGCAGCCCGTCAAGGCGGGAGTGGAGACCACCAACCCTCC
 AAACAGAGCAACAAGAAGTACGCGGCCAGCAGCTACCTGAGCCTGACGCCGAGCAGTGGAAAGTCCAC
 AGAAGCTACAGCTGCCAGGTACGCATGAAGGGAGCACCGTGGAGAAGACAGTGGCCCTACAGAATGT
 TCATAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001256296
Insert Size:	420 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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).


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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_001256296.1

RefSeq Size: 955 bp

RefSeq ORF: 420 bp

Locus ID: 100423062

Cytogenetics: 22q11.22

MW: 14.7 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]

Transcript Variant: This variant (2) lacks an exon in the central coding region, and uses an alternate downstream start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.