

## Product datasheet for **RC205516**

### GLIPR1L1 (NM\_152779) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GLIPR1L1 (NM_152779) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GLIPR1L1
Synonyms:	ALKN2972; PRO7434
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205516 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCTGAAGAATAAATTCAGTTGTTTATGGATCTTGGGTCTGTGTTGGTAGCCACTACATCTTCCA  
AAATCCCATCCATCACTGACCCACACTTTATAGACAACATGATAGAAGCCACAACGAATGGCGTGGCAA  
AGTCAACCCTCCCGCGCCGACATGAAATACATGATTTGGGATAAAGTTTAGCAAAGATGGCTAAAGCA  
TGGGCAAACCAGTGCAAATTTGAACATAATGACTGTTGGATAAATCATATAAATGCTATGCAGCTTTT  
AATATGTTGGAGAAAATATCTGGTTAGGTGGAATAAAGTCATTACACCAAGACATGCCATTACGGCTTG  
GTATAATGAAACCAATTTTATGATTTTATGATGCTATCATGCTCCAGAGTCTGTGGCCATTATACACAG  
TTAGTTTGGGCAATTCATTTTATGTCGGTTGTGCAAGTTGCAATGTGTCCTAACCTTGGGGGAGCTTCAA  
CTGCAATATTTGTATGCAACTACGGACCTGCAGGAAATTTGCAAATATGCCTCCTTACGTAAGAGGAGA  
ATCTTGCTCTCTGCTCAAAGAAGAGAAAATGTGTAAGAACCTCTGCAAAAATCCATTCTGAAGCCA  
ACGGGGAGAGCACCTCAGCAGACAGCCTTAAATCCATTCAGCTTAGGTTTTCTTCTCTGAGAATCTTT

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC205516 protein sequence  
Red=Cloning site Green=Tags(s)

MALKNKFSLWILGLCLVATTSSKIPSITDPHFIDNCIEAHNEWRGKVNPPAADMKYMIWDKGLAKMAKA  
 WANQCKFEHNDCLDKSYKCYAAFEYVGENIWLGGIKSFTPRHAITAWYNETQFYDFDSLSCSRVCGHYTQ  
 LVWANSFYVGCAMCPNLGGASTAIFVCNYGPAGNFANMPYVVRGESCSCSKEEKCVKNLCKNPFLKP  
 TGRAPQQTAFNPFSLGFLLLRIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6027\\_f07.zip](https://cdn.origene.com/chromatograms/mk6027_f07.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_152779

**ORF Size:** 699 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\\_152779.4](#)

**RefSeq Size:** 975 bp

**RefSeq ORF:** 702 bp

**Locus ID:** 256710

**UniProt ID:** [Q6UWM5](#)

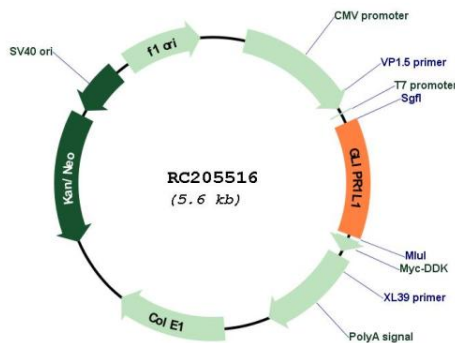
**Cytogenetics:** 12q21.2

**Protein Families:** Druggable Genome, Secreted Protein

**MW:** 26.1 kDa

**Gene Summary:** Plays a role in the binding between sperm and oocytes. Component of epididymosomes, one type of membranous microvesicles which mediate the transfer of lipids and proteins to spermatozoa plasma membrane during epididymal maturation. Also component of the CD9-positive microvesicles found in the cauda region.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC205516