

Product datasheet for **RG205516**

GLIPR1L1 (NM_152779) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GLIPR1L1 (NM_152779) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GLIPR1L1
Synonyms:	ALKN2972; PRO7434
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG205516 representing NM_152779 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCTGAAGAATAAATTCAGTTGTTTATGGATCTTGGGTCTGTGTTGGTAGCCACTACATCTTCCA
AAATCCCATCCATCACTGACCCACACTTTATAGACAACGCATAGAAGCCACAACGAATGGCGTGGCAA
AGTCAACCCTCCCGCGCCGACATGAAATACATGATTTGGGATAAAGTTTAGCAAAGATGGCTAAAGCA
TGGGCAAACCAGTGCAAATTTGAACATAATGACTGTTTGGATAAATCATATAAATGCTATGCAGCTTTT
AATATGTTGGAGAAAATATCTGGTTAGGTGGAATAAAGTCATTACACCAAGACATGCCATTACGGCTTG
GTATAATGAAACCAATTTTATGATTTTATAGTCTATCATGCTCCAGAGTCTGTGGCCATTATACACAG
TTAGTTTGGGCAATTCATTTTATGTCGGTTGTGCAAGTTGCAATGTGCCTAACCTTGGGGGAGCTTCAA
CTGCAATATTTGTATGCAACTACGGACCTGCAGGAAATTTGCAAATATGCCTCCTTACGTAAGAGGAGA
ATCTTGCTCTCTGCTCAAAGAAGAGAAAATGTGTAAGAACCCTCTGCAAAAATCCATTCTGAAGCCA
ACGGGGAGAGCACCTCAGCAGACAGCCTTAAATCCATTAGCTTAGGTTTTCTTCTGAGAATCTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG205516 representing NM_152779
 Red=Cloning site Green=Tags(s)

MALKNKFSLWILGLCLVATTSSKIPSITDPHFIDNCIEAHNEWRGKVNPPAADMKYMIWDKGLAKMAKA
 WANQCKFEHNDCLDKSYKCYAAFEYVGENIWLGGIKSFTPRHAITAWYNETQFYDFDSLSCSRVCGHYTQ
 LVWANSFYVGC AVAMCPNLGGASTAIFVCNYGPAGNFANMPYVVRGESCSCSKKEEKCVKNLCKNPFLKP
 TGRAPQQTAFNPFSLGFLLLRIF

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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: 980 bp

RefSeq ORF: 702 bp

Locus ID: 256710

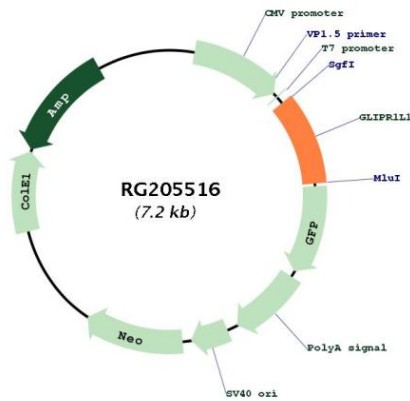
UniProt ID: [Q6UWM5](#)

Cytogenetics: 12q21.2

Protein Families: Druggable Genome, Secreted Protein

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 RG205516