

Product datasheet for **RG233829**

GLIPR1L2 (NM_001270396) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GLIPR1L2 (NM_001270396) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GLIPR1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG233829 representing NM_001270396 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCCGCAAGGCCCTTCGCCCCGGGAGTGGAGGGCCAGTCCCTACCCCTGGCAGTAGGGGGCGTTT
TGAAGCTGCGGCTCTGTGAGCTGTGGCTACTGCTACTGGGTTCTAGTTTGAACGCCAGATTTTGCCAGA
CGAGGAGGACGTAGACTTTATCAACGAGTACGTGAACCTCCACAATGAGCTGCGGGGCGACGTATTCCC
CGAGGGTCTAAGTTCGCTTCATGACTTGGGATGTAGCTTTATCACGACTGCTAGAGCATGGGGAAAAA
AATGTTTGTTCACGATAATATTTATTTACAAGATGTACAAATGGTCCATCCTAAATTTATGGTATTGG
TGAATAATGTGGGTCGGCCCTGAAAATGAATTTACTGCAAGTATTGCTATCAGAAGTTGGCATGCAGAG
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ACCACTCTTACAAAGTTGGTGTGCTGTTACTCCATGTTCAAAAATGGACATATTATACATGCAGCAAT
TTTCATATGCAACTATGCGCCAGGAGGAACACTGACGAGAAGACCTTATGAACCAGGAATATTTGTACT
CGATGTGGCAGACGTGACAAATGCACAGATTTCTATGCAGTAATGCAGATCGTGACCAAGCCACATATT
ACCGATTTTGGTATCCAAAATGGGAAATGCCCGGCCAGTTGTGTGTGATCCACTGTGCACATTCATTTT
ATTATTGAGAATATTATGTTTATCCTGTGTGCATAACTGTTTGTATAGTACAGTCTCAGTTTCCAAAT
ATCTTGTGGAAACAACAAATGATATTTACCCCTGAGGAATCTGAAGCAGGGAATGAAGAGGAGGAAAAAG
AGGAAGAGAAGAAAGAGAAGAGGAAATGGAATGGAATAATGGAATGGAGGAGGAAAAAGAGAGAG
AGAGGAGGAGGAGGAGGAGGAAACAAAAAGAAAAGATGGAGGAAGAGGAAAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG233829 representing NM_001270396
 Red=Cloning site Green=Tags(s)

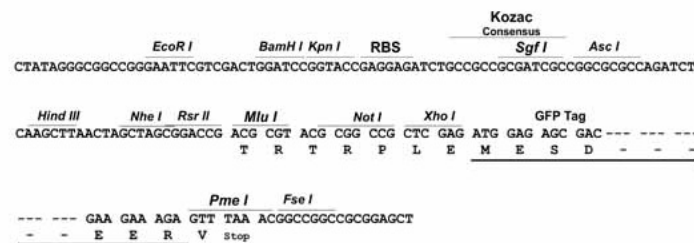
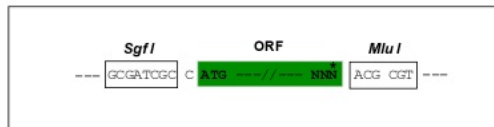
MEAARPFAREWRAQSLPLAVGGVLKRLCELWLLLLGSSLNARFLPDEEDVDFINEYVNLHNELRGDVIP
 RGSNLRFTMTWDVALSRTARAWGKKCLFTHNIYLQDVQMVHPKFYIGENMWVGPENEFTASIAIRSWHAE
 KKMYNFENGSCSGDCSNYIQLVWDHSYKVGCAVTPCSKIGHIIHAAIFICNYAPGGTLTRRPYEPGIFCT
 RCGRRDKCTDFLCSNADRDQATYYRFWPKWEMPRPVCDPLCTFILLRLILCFILCVITVLIVQSQFPN
 ILLEQQMIFTPEESEAGNEEEEEKEKEEMEMEIMEMEEEEKEEEEEETQKEKMEEEEK

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_001270396

ORF Size: 1032 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_001270396.2](#)

RefSeq Size: 2318 bp

RefSeq ORF: 1035 bp

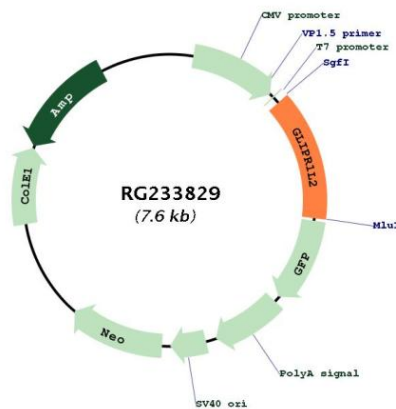
Locus ID: 144321

UniProt ID: [Q4G1C9](#)

Cytogenetics: 12q21.2

Gene Summary: This gene encodes a member of the cysteine-rich secretory protein, antigen 5, and pathogenesis-related 1 superfamily. Members of this family have roles in a variety of processes, including cancer and immune defense. This gene is located in a cluster with two related genes on chromosome 12. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Product images:



Circular map for RG233829