

Product datasheet for RC206274L3

OriGene Technologies, Inc.

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Glycine Receptor alpha 3 (GLRA3) (NM_006529) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Glycine Receptor alpha 3 (GLRA3) (NM_006529) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Glycine Receptor alpha 3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

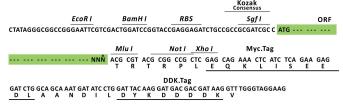
The ORF insert of this clone is exactly the same as(RC206274).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_006529 **ORF Size:** 1392 bp



Glycine Receptor alpha 3 (GLRA3) (NM_006529) Human Tagged Lenti ORF Clone - RC206274L3

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: <u>NM 006529.2</u>

RefSeq Size: 3674 bp
RefSeq ORF: 1395 bp
Locus ID: 8001

 UniProt ID:
 O75311

 Cytogenetics:
 4q34.1

Protein Families: Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 53.8 kDa

Gene Summary: This gene encodes a member of the ligand-gated ion channel protein family. The encoded

protein is a member of the glycine receptor subfamily. Alternative splicing results in multiple

transcript variants. [provided by RefSeq, Nov 2013]