

Product datasheet for **RC200315L4V**

GPR56 (ADGRG1) (NM_005682) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | GPR56 (ADGRG1) (NM_005682) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ADGRG1 |
| Synonyms: | BFPP; BPPR; GPR56; TM7LN4; TM7XN1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_005682 |
| ORF Size: | 2079 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200315). |
| 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. |
| RefSeq: | NM_005682.4 |
| RefSeq Size: | 3831 bp |
| RefSeq ORF: | 2082 bp |
| Locus ID: | 9289 |
| UniProt ID: | Q9Y653 |
| Cytogenetics: | 16q21 |
| Domains: | GPS, 7tm_2 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |



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MW: 77.7 kDa

Gene Summary: This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]