

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for RC205703L2V

LYPD1 (NM_144586) Human Tagged ORF Clone Lentiviral Particle

Product data:

| Product Name:LYPD1 (NM_144586) Human Tagged ORF Clone Lentiviral ParticleSymbol:LYPD1Synonyms:LYPD1; PHTSMammalian Cell Selection:NoneVector:plenti-C-mGFP (PS100071)Tag:mGFPACCN:NM_144586ORF Size:23 JpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC205703).Orti Disclaimer:The molecular sequence of this clone aligns with the gene accession number as a point of nariarally 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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression variants is recommended prior to use. More infoRefSeq:NM 144586.5RefSeq ORF:2683 bpRefSeq ORF:2683 bpIcous ID:UB372UniProt ID:QRV264Cytogenetics:21.2Protein Families:Disglabe Genome, TransmembraneMW:15.2 kDa | Product Type: | Lentiviral Particles |
|--|-------------------|---|
| Synonyms:LYPDC1; PHTSMammalian Cell Selection:NoneVector:pLenti-CmGFP (PS100071)Tag:mGFPACCN:NM_144586ORF Size:423 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as (RC205703).ORF Nucleotide Sequence:The nonecular 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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeq Size:263 bpRefSeq ORF:426 bpLocus ID:116372UniProt ID:QBNZG4Yotogenetics:021.2Protein Families:Drugable Genome, Transmembrane | Product Name: | LYPD1 (NM_144586) Human Tagged ORF Clone Lentiviral Particle |
| Mammalian Cell Selection:NoneVector:pLenti-C-mGFP (PS100071)Tag:mGFPACCN:NM_144586ORF Size:423 bpORF Nucleotide Sequence:The molecular sequence of this clone is exactly the same as(RC205703).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 infoOTI Annotation:Nin 144586.5RefSeqSea bpRefSeq ORF:2683 bpActos ID:116372UniProt ID:08N2G4Cytogenetis:0291.2Protein Families:Druggable Genome, Transmembrane | Symbol: | LYPD1 |
| Selection:Vector:ploti-CmGFP (PS100071)Tag:mGFPAGCN:MM_144S86ORF Size:423 bpORF Nucleotide Sequence:Pmolecular 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 avaraly 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 infoOTI Annotation:MI 144586.5Refseq Size:0483 bpRefseq ORF:426 bpIcous ID:116372UniProt ID:08N2G4Otiporteric:29.12Vergenetics:29.12Protein Families:01.20Disgle Genome, Transmembrane | Synonyms: | LYPDC1; PHTS |
| Tag:mGFPACCN:NM_144586ORF Size:423 bpORF NucleotideThe ORF insert of this clone is exactly the same as(RC205703).Sequence: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 infoOTI 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 144586.5RefSeq ORF:2683 bpLocus ID:116372UniProt ID:Q8N2GACytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | | None |
| ACCN:NM_144586ORF Size:423 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC205703).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 infoOTI 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 144586.5RefSeq ORF:2683 bpLocus ID:116372UniProt ID:Q8N2G4Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | Vector: | pLenti-C-mGFP (PS100071) |
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| ORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC205703).OII 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 anturally 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 infoOTI 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 144586.5RefSeq ORF:2683 bpLocus ID:116372UniProt ID:Q8N2G4Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | ACCN: | NM_144586 |
| Sequence: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 infoOTI 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 144586.5RefSeq ORF:2683 bpLocus ID:116372UniProt ID:08N2G4Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | ORF Size: | 423 bp |
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| varies depending on the nature of the gene.RefSeq:NM 144586.5RefSeq Size:2683 bpRefSeq ORF:426 bpLocus ID:116372UniProt ID:Q8N2G4Cytogenetics:2q21.2Drugable Genome, Transmembrane | OTI Disclaimer: | 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 |
| RefSeq Size:2683 bpRefSeq ORF:426 bpLocus ID:116372UniProt ID:O8N2G4Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | OTI Annotation: | |
| RefSeq ORF:426 bpLocus ID:116372UniProt ID:Q8N2G4Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | RefSeq: | <u>NM 144586.5</u> |
| Locus ID:116372UniProt ID:Q8N2G4Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | RefSeq Size: | 2683 bp |
| UniProt ID:Q8N2G4Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | RefSeq ORF: | 426 bp |
| Cytogenetics:2q21.2Protein Families:Druggable Genome, Transmembrane | Locus ID: | 116372 |
| Protein Families: Druggable Genome, Transmembrane | UniProt ID: | <u>Q8N2G4</u> |
| | Cytogenetics: | 2q21.2 |
| MW: 15.2 kDa | Protein Families: | Druggable Genome, Transmembrane |
| | MW: | 15.2 kDa |



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Gene Summary:Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro
increases receptor desensitization and decreases affinity for ACh of alpha-4:beta-2-containing
nAChRs. May play a role in the intracellular trafficking of alpha-4:beta-2 and alpha-7-
containing nAChRs and may inhibit their expression at the cell surface. May be involved in the
control of anxiety.[UniProtKB/Swiss-Prot Function]

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