

Product datasheet for **RC205385L4V**

Endothelin A Receptor (EDNRA) (NM_001957) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Endothelin A Receptor (EDNRA) (NM_001957) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Endothelin A Receptor |
| Synonyms: | ET-A; ETA; ETA-R; ETAR; ETRA; hET-AR; MFDA |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001957 |
| ORF Size: | 1281 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205385). |
| 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_001957.1 |
| RefSeq Size: | 4168 bp |
| RefSeq ORF: | 1284 bp |
| Locus ID: | 1909 |
| UniProt ID: | P25101 |
| Cytogenetics: | 4q31.22-q31.23 |
| Domains: | 7tm_1 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |



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Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction, Vascular smooth muscle contraction

MW: 48.7 kDa

Gene Summary: This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]