

## Product datasheet for **RC228251L4V**

### Endothelin A Receptor (EDNRA) (NM\_001166055) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Endothelin A Receptor (EDNRA) (NM_001166055) 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_001166055
ORF Size:	954 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228251).
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. <a href="#">More info</a>
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:	<a href="#">NM_001166055.1</a> , <a href="#">NP_001159527.1</a>
RefSeq ORF:	957 bp
Locus ID:	1909
UniProt ID:	<a href="#">P25101</a>
Cytogenetics:	4q31.22-q31.23
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction, Vascular smooth muscle contraction


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**MW:** 36.49 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]