

## Product datasheet for **RC220677L4V**

### NR2E3 (NM\_016346) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NR2E3 (NM_016346) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NR2E3
Synonyms:	ESCS; PNR; rd7; RNR; RP37
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016346
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220677).
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_016346.3</a>
RefSeq Size:	2108 bp
RefSeq ORF:	1104 bp
Locus ID:	10002
UniProt ID:	<a href="#">Q9Y5X4</a>
Cytogenetics:	15q23
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
MW:	39.6 kDa



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**Gene Summary:**

This protein is part of a large family of nuclear receptor transcription factors involved in signaling pathways. Nuclear receptors have been shown to regulate pathways involved in embryonic development, as well as in maintenance of proper cell function in adults. Members of this family are characterized by discrete domains that function in DNA and ligand binding. This gene encodes a retinal nuclear receptor that is a ligand-dependent transcription factor. Defects in this gene are a cause of enhanced S cone syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]