

Product datasheet for **RC207753L4V**

Encephalopsin (OPN3) (NM_014322) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Encephalopsin (OPN3) (NM_014322) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Encephalopsin
Synonyms:	ECPN; PPP1R116
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014322
ORF Size:	1206 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207753).
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_014322.2
RefSeq Size:	2632 bp
RefSeq ORF:	1209 bp
Locus ID:	23596
UniProt ID:	Q9H1Y3
Cytogenetics:	1q43
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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MW: 44.9 kDa

Gene Summary: Opsins are members of the guanine nucleotide-binding protein (G protein)-coupled receptor superfamily. In addition to the visual opsins, mammals possess several photoreceptive non-visual opsins that are expressed in extraocular tissues. This gene, opsin 3, is strongly expressed in brain and testis and weakly expressed in liver, placenta, heart, lung, skeletal muscle, kidney, and pancreas. The gene may also be expressed in the retina. The protein has the canonical features of a photoreceptive opsin protein. [provided by RefSeq, Jul 2008]