

Product datasheet for **RC207894L3V**

Calcyon (CALY) (NM_015722) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Calcyon (CALY) (NM_015722) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Calcyon
Synonyms:	DRD1IP; NSG3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015722
ORF Size:	651 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207894).
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_015722.2
RefSeq Size:	983 bp
RefSeq ORF:	654 bp
Locus ID:	50632
UniProt ID:	Q9NYX4
Cytogenetics:	10q26.3
Protein Families:	Druggable Genome, Transmembrane
MW:	23.4 kDa



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Gene Summary:

The protein encoded by this gene is a type II single transmembrane protein. It is required for maximal stimulated calcium release after stimulation of purinergic or muscarinic but not beta-adrenergic receptors. The encoded protein interacts with D1 dopamine receptor and may interact with other DA receptor subtypes and/or GPCRs. [provided by RefSeq, Jul 2008]