Product datasheet for RC216301L2V

GALP (NM_033106) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GALP (NM_033106) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GALP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_033106
ORF Size:	348 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216301).
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_033106.1
RefSeq Size:	947 bp
RefSeq ORF:	351 bp
Locus ID:	85569
UniProt ID:	Q9UBC7
Cytogenetics:	19q13.43
Protein Families:	Secreted Protein
MW:	12.4 kDa

View online »

Gene Summary:

This gene encodes a member of the galanin family of neuropeptides. The encoded protein binds galanin receptors 1, 2 and 3 with the highest affinity for galanin receptor 3 and has been implicated in biological processes involving the central nervous system including hypothalamic regulation of metabolism and reproduction. A peptide encoded by a splice variant of this gene, termed alarin, has vasoactive properties, displays antimicrobial activity against E. coli, and may serve as a marker for neuroblastic tumors.[provided by RefSeq, Nov 2014]