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Product datasheet for RC214114L3V

GABA B Receptor 1 (GABBR1) (NM_001470) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GABA B Receptor 1 (GABBR1) (NM_001470) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GABA B Receptor 1
Synonyms:	GABABR1; GABBR1-3; GB1; GPRC3A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001470
ORF Size:	2883 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214114).
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_001470.2, NP_001461.1
RefSeq Size:	4547 bp
RefSeq ORF:	2886 bp
Locus ID:	2550
UniProt ID:	Q9UBS5
Cytogenetics:	6p22.1
Domains:	7tm_3, CCP, ANF_receptor
Protein Families:	Druggable Genome, GPCR, Secreted Protein, Transmembrane

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Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	108.3 kDa
Gene Summary:	This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jan 2016]

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