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Product datasheet for RC210408L4V

Nicotinic Acetylcholine Receptor beta 2 (CHRNB2) (NM_000748) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nicotinic Acetylcholine Receptor beta 2 (CHRNB2) (NM_000748) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nicotinic Acetylcholine Receptor beta 2
Synonyms:	EFNL3; nAChRB2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000748
ORF Size:	1506 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC210408).`
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_000748.1
RefSeq Size:	2448 bp
RefSeq ORF:	1509 bp
Locus ID:	1141
UniProt ID:	P17787
Cytogenetics:	1q21.3
Domains:	Neur_chan_memb, Neur_chan_LBD

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Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
MW:	57.02 kDa
Gene Summary:	Neuronal acetylcholine receptors are homo- or heteropentameric complexes composed of homologous alpha and beta subunits. They belong to a superfamily of ligand-gated ion channels which allow the flow of sodium and potassium across the plasma membrane in response to ligands such as acetylcholine and nicotine. This gene encodes one of several beta subunits. Mutations in this gene are associated with autosomal dominant nocturnal frontal lobe epilepsy. [provided by RefSeq, Jul 2008]