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Product datasheet for RC221423L4V

CHRNE (NM_000080) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHRNE (NM_000080) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHRNE
Synonyms:	ACHRE; CMS1D; CMS1E; CMS2A; CMS4A; CMS4B; CMS4C; FCCMS; SCCMS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000080
ORF Size:	1479 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221423).
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_000080.2
RefSeq Size:	2463 bp
RefSeq ORF:	1482 bp
Locus ID:	1145
UniProt ID:	Q04844
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
MW:	54.7 kDa

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Gene Summary: Acetylcholine receptors at mature mammalian neuromuscular junctions are pentameric protein complexes composed of four subunits in the ratio of two alpha subunits to one beta, one epsilon, and one delta subunit. The acetylcholine receptor changes subunit composition shortly after birth when the epsilon subunit replaces the gamma subunit seen in embryonic receptors. Mutations in the epsilon subunit are associated with congenital myasthenic syndrome. [provided by RefSeq, Sep 2009]