

## Product datasheet for **RC210428L4V**

### beta 3 Adrenergic Receptor (ADRB3) (NM\_000025) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	beta 3 Adrenergic Receptor (ADRB3) (NM_000025) Human Tagged ORF Clone Lentiviral Particle
Symbol:	beta 3 Adrenergic Receptor
Synonyms:	BETA3AR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000025
ORF Size:	1224 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210428).
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. <a href="#">More info</a>
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:	<a href="#">NM_000025.1</a>
RefSeq Size:	2660 bp
RefSeq ORF:	1227 bp
Locus ID:	155
UniProt ID:	<a href="#">P13945</a>
Cytogenetics:	8p11.23
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**Protein Pathways:** Calcium signaling pathway, Endocytosis, Neuroactive ligand-receptor interaction

**MW:** 43.5 kDa

**Gene Summary:** The protein encoded by this gene belongs to the family of beta adrenergic receptors, which mediate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and thermogenesis. Obesity and bodyweight-related disorders are correlated with certain polymorphisms in three subtypes of beta-adrenoceptor, among them, the ADRB3 gene.[provided by RefSeq, Oct 2019]