

Product datasheet for **MR222564L4V**

Cckbr (NM_007627) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cckbr (NM_007627) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cckbr
Synonyms:	CCK-BR; CCK2; CCK2-R; CCK2R; CCKR-; CCKR-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007627
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222564).
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_007627.4 , NP_031653.1
RefSeq Size:	2483 bp
RefSeq ORF:	1362 bp
Locus ID:	12426
UniProt ID:	P56481
Cytogenetics:	7 55.86 cM



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Gene Summary:

This gene encodes a multipass transmembrane receptor protein expressed in the central nervous system and gastrointestinal tract. Cholecystokinin and gastrin bind to the encoded protein to stimulate gastric acid secretion and mucosal growth in the gastrointestinal tract, and anxiety, pain sensation and memory in the brain. Mice lacking the encoded protein exhibit an increase in the basal gastric pH and gastrin levels in the bloodstream as well as mild hypocalcemia, secondary hyperparathyroidism and increased bone resorption. [provided by RefSeq, Apr 2015]