

Product datasheet for **MR207386L4V**

Chga (NM_007693) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Chga (NM_007693) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Chga
Synonyms:	cgA; Ch; ChrA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007693
ORF Size:	1392 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207386).
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_007693.1
RefSeq Size:	1892 bp
RefSeq ORF:	1392 bp
Locus ID:	12652
UniProt ID:	P26339
Cytogenetics:	12 51.66 cM



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Gene Summary:

This gene encodes a member of the granin family of acidic secretory glycoproteins that are expressed in endocrine cells and neurons. The encoded preproprotein undergoes proteolytic processing to generate multiple functions peptides including pancreastatin, catestatin and serpinin. The encoded protein plays important roles in the neuroendocrine system including regulated secretion of peptide hormones and neurotransmitters. Mice lacking the encoded protein exhibit elevated blood pressure which can be rescued by transgenic expression of the human ortholog. [provided by RefSeq, Nov 2015]