

Product datasheet for **RC200492L4V**

Chromogranin A (CHGA) (NM_001275) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Chromogranin A (CHGA) (NM_001275) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Chromogranin A
Synonyms:	CGA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001275
ORF Size:	1371 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200492).
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_001275.2
RefSeq Size:	2079 bp
RefSeq ORF:	1374 bp
Locus ID:	1113
UniProt ID:	P10645
Cytogenetics:	14q32.12
Domains:	Granin
Protein Families:	Druggable Genome, Secreted Protein


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MW: 50.7 kDa

Gene Summary: The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]