

Product datasheet for **RC200519L4V**

GFPT2 (NM_005110) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GFPT2 (NM_005110) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GFPT2
Synonyms:	GFAT; GFAT 2; GFAT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005110
ORF Size:	2046 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200519).
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_005110.1
RefSeq Size:	3011 bp
RefSeq ORF:	2049 bp
Locus ID:	9945
UniProt ID:	O94808
Cytogenetics:	5q35.3
Domains:	GATase_2, SIS
Protein Families:	Protease



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Protein Pathways:	Alanine, aspartate and glutamate metabolism, Amino sugar and nucleotide sugar metabolism, Metabolic pathways
MW:	76.9 kDa
Gene Summary:	Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins.[UniProtKB/Swiss-Prot Function]