

Product datasheet for **RC202719L4V**

Carboxypeptidase A2 (CPA2) (NM_001869) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Carboxypeptidase A2 (CPA2) (NM_001869) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Carboxypeptidase A2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001869
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202719).
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_001869.1
RefSeq Size:	1342 bp
RefSeq ORF:	1260 bp
Locus ID:	1358
UniProt ID:	P48052
Cytogenetics:	7q32.2
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	46.8 kDa



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Gene Summary:

Three different forms of human pancreatic procarboxypeptidase A have been isolated. The encoded protein represents the A2 form, which is a monomeric protein with different biochemical properties from the A1 and A3 forms. The A2 form of pancreatic procarboxypeptidase acts on aromatic C-terminal residues and is a secreted protein. [provided by RefSeq, Dec 2008]