

Product datasheet for **RC201461L4V**

BRP44L (MPC1) (NM_016098) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BRP44L (MPC1) (NM_016098) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BRP44L
Synonyms:	BRP44L; CGI-129; MPYCD; SLC54A1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016098
ORF Size:	327 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201461).
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_016098.1
RefSeq Size:	977 bp
RefSeq ORF:	330 bp
Locus ID:	51660
UniProt ID:	Q9Y5U8
Cytogenetics:	6q27
Domains:	UPF0041
MW:	12.3 kDa


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Gene Summary:

The protein encoded by this gene is part of an MPC1/MPC2 heterodimer that is responsible for transporting pyruvate into mitochondria. The encoded protein is found in the inner mitochondrial membrane. Defects in this gene are a cause of mitochondrial pyruvate carrier deficiency. Several transcript variants, some protein coding and one non-protein coding, have been found for this gene. [provided by RefSeq, Aug 2012]