

Product datasheet for **RC209510L4V**

MASA (ENOPH1) (NM_021204) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MASA (ENOPH1) (NM_021204) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MASA
Synonyms:	E1; MASA; MST145; mtnC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021204
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209510).
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_021204.1
RefSeq Size:	2191 bp
RefSeq ORF:	786 bp
Locus ID:	58478
UniProt ID:	Q9UHY7
Cytogenetics:	4q21.22
Domains:	Hydrolase
Protein Pathways:	Cysteine and methionine metabolism



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MW: 28.9 kDa

Gene Summary: Bifunctional enzyme that catalyzes the enolization of 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P) into the intermediate 2-hydroxy-3-keto-5-methylthiopentyl-1-phosphate (HK-MTPenyl-1-P), which is then dephosphorylated to form the acireductone 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene).[UniProtKB/Swiss-Prot Function]