

Product datasheet for **MR223307L4V**

Coasy (NM_027896) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Coasy (NM_027896) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Coasy
Synonyms:	1300003G02Rik; Dpck; Ppat; Ukr1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027896
ORF Size:	1689 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223307).
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_027896.4 , NP_082172.2
RefSeq Size:	2386 bp
RefSeq ORF:	1692 bp
Locus ID:	71743
Cytogenetics:	11 D



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Gene Summary:

This gene encodes the bifunctional protein coenzyme A (CoA) synthase which carries out the last two steps in the biosynthesis of CoA from pantothenic acid (vitamin B5). The phosphopantetheine adenylyltransferase domain of this protein catalyzes the conversion of phosphopantetheine into dephospho-CoA while its dephospho-CoA kinase domain completes the final step by phosphorylating dephospho-CoA to form CoA. [provided by RefSeq, Apr 2015]