

Product datasheet for **RC202991L4V**

HYI (NM_031207) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HYI (NM_031207) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HYI
Synonyms:	HT036
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031207
ORF Size:	1365 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202991).
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_031207.2
RefSeq Size:	1251 bp
RefSeq ORF:	744 bp
Locus ID:	81888
UniProt ID:	Q5T013
Cytogenetics:	1p34.2
Protein Pathways:	Glyoxylate and dicarboxylate metabolism, Metabolic pathways
MW:	24.1 kDa



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Gene Summary:

This gene encodes a putative hydroxypyruvate isomerase, which likely catalyzes the conversion of hydroxypyruvate to 2-hydroxy-3-oxopropanoate, and may be involved in carbohydrate transport and metabolism. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]