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Product datasheet for RC205684L2V

ENO3 (NM_053013) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ENO3 (NM_053013) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENO3
Synonyms:	GSD13; MSE
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_053013
ORF Size:	1302 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC205684).`
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_053013.1
RefSeq Size:	1494 bp
RefSeq ORF:	1305 bp
Locus ID:	2027
UniProt ID:	P13929
Cytogenetics:	17p13.2
Domains:	enolase
Protein Pathways:	Glycolysis / Gluconeogenesis, Metabolic pathways, RNA degradation

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MW: 46.9 kDa

Gene Summary: This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme is found in skeletal muscle cells in the adult where it may play a role in muscle development and regeneration. A switch from alpha enolase to beta enolase occurs in muscle tissue during development in rodents. Mutations in this gene have be associated glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2010]