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Product datasheet for RC212899L2V

AGXT (NM_000030) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AGXT (NM_000030) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AGXT
Synonyms:	AGT; AGT1; AGXT1; PH1; SPAT; SPT; TLH6
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000030
ORF Size:	1176 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212899).
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_000030.1
RefSeq Size:	1611 bp
RefSeq ORF:	1179 bp
Locus ID:	189
UniProt ID:	P21549
Cytogenetics:	2q37.3
Domains:	aminotran_5
Protein Families:	Druggable Genome

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Protein Pathways:	Alanine, aspartate and glutamate metabolism, Glycine, serine and threonine metabolism, Metabolic pathways
MW:	43 kDa
Gene Summary:	This gene is expressed only in the liver and the encoded protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in this gene, some of which alter subcellular targetting, have been associated with type I primary hyperoxaluria. [provided by RefSeq, Jul 2008]