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Product datasheet for RC211866L2V

Glucuronic Acid Epimerase (GLCE) (NM_015554) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Glucuronic Acid Epimerase (GLCE) (NM_015554) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Glucuronic Acid Epimerase
Synonyms:	HSEPI
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015554
ORF Size:	1851 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211866).
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_015554.1
RefSeq Size:	5043 bp
RefSeq ORF:	1854 bp
Locus ID:	26035
UniProt ID:	O94923
Cytogenetics:	15q23
Protein Families:	Transmembrane
Protein Pathways:	Heparan sulfate biosynthesis, Metabolic pathways

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MW: 69.9 kDa

Gene Summary: Converts D-glucuronic acid residues adjacent to N-sulfate sugar residues to L-iduronic acid residues, both in maturing heparan sulfate (HS) and heparin chains. This is important for further modifications that determine the specificity of interactions between these glycosaminoglycans and proteins.[UniProtKB/Swiss-Prot Function]

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