

Product datasheet for **RC200995L4V**

Mutarotase (GALM) (NM_138801) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mutarotase (GALM) (NM_138801) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Mutarotase
Synonyms:	BLOCK25; GALAC4; GLAT; HEL-S-63p; IBD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138801
ORF Size:	1026 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200995).
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_138801.1
RefSeq Size:	2483 bp
RefSeq ORF:	1029 bp
Locus ID:	130589
UniProt ID:	Q96C23
Cytogenetics:	2p22.1
Domains:	Aldose_epim
Protein Pathways:	Glycolysis / Gluconeogenesis



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MW: 37.8 kDa

Gene Summary: This gene encodes an enzyme that catalyzes the epimerization of hexose sugars such as glucose and galactose. The encoded protein is expressed in the cytoplasm and has a preference for galactose. The encoded protein may be required for normal galactose metabolism by maintaining the equilibrium of alpha and beta anomers of galactose.[provided by RefSeq, Mar 2009]