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Product datasheet for RC227749L3V

GLYCTK (NM_001144951) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GLYCTK (NM_001144951) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GLYCTK
Synonyms:	HBeAgBP4A; HBEBP2; HBEBP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001144951
ORF Size:	702 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC227749).`
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_001144951.1, NP_001138423.1
RefSeq ORF:	705 bp
Locus ID:	132158
UniProt ID:	Q8IVS8
Cytogenetics:	3p21.2
Protein Families:	Transcription Factors
Protein Pathways:	Glycerolipid metabolism, Glycine, serine and threonine metabolism, Glyoxylate and dicarboxylate metabolism, Metabolic pathways

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MW:	24.9 kDa
Gene Summary:	This locus encodes a member of the glycerate kinase type-2 family. The encoded enzyme catalyzes the phosphorylation of (R)-glycerate and may be involved in serine degradation and fructose metabolism. Decreased activity of the encoded enzyme may be associated with the disease D-glyceric aciduria. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]