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Product datasheet for MR223735L4V

Hk3 (NM_001033245) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hk3 (NM_001033245) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hk3
Synonyms:	HK-III; HK III
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033245
ORF Size:	2769 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR223735).`
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_001033245.3, NP_001028417.1
RefSeq Size:	3219 bp
RefSeq ORF:	2769 bp
Locus ID:	212032
UniProt ID:	Q3TRM8
Cytogenetics:	13 B1

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Gene Summary: Catalyzes the phosphorylation of hexose, such as D-glucose and D-fructose, to hexose 6-phosphate (D-glucose 6-phosphate and D-fructose 6-phosphate, respectively). Mediates the initial step of glycolysis by catalyzing phosphorylation of D-glucose to D-glucose 6-phosphate. [UniProtKB/Swiss-Prot Function]