

Product datasheet for **RC221178L4V**

HKDC1 (NM_025130) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HKDC1 (NM_025130) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HKDC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025130
ORF Size:	2751 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221178).
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_025130.2 , NP_079406.3
RefSeq Size:	3719 bp
RefSeq ORF:	2754 bp
Locus ID:	80201
UniProt ID:	Q2TB90
Cytogenetics:	10q22.1
Domains:	hexokinase
Protein Families:	Druggable Genome
MW:	102.5 kDa


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Gene Summary:

This gene encodes a member of the hexokinase protein family. The encoded protein is involved in glucose metabolism, and reduced expression may be associated with gestational diabetes mellitus. High expression of this gene may also be associated with poor prognosis in hepatocarcinoma. [provided by RefSeq, Sep 2016]