

Product datasheet for **MR221855L3V**

Hpse (NM_152803) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hpse (NM_152803) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hpse
Synonyms:	H; Hpa; Hpr1; HSE1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152803
ORF Size:	1605 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221855).
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_152803.4
RefSeq Size:	3082 bp
RefSeq ORF:	1608 bp
Locus ID:	15442
UniProt ID:	Q6YGG1
Cytogenetics:	5 E4



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Gene Summary:

This gene encodes an endoglucuronidase enzyme that plays an important role in tumor invasion and metastasis. The encoded preproprotein undergoes proteolytic processing to generate an active heterodimeric enzyme that cleaves the heparan sulfate proteoglycans associated with the cell surface and extracellular matrix. Mice lacking the encoded protein do not show any prominent pathological alterations under normal conditions but fail to develop albuminuria and renal damage in response to drug-induced diabetes. [provided by RefSeq, Aug 2016]