

## Product datasheet for **MR227049L3V**

### Hck (NM\_010407) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hck (NM_010407) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hck
Synonyms:	AI849071; Bmk
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_010407
ORF Size:	1666 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227049).
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. <a href="#">More info</a>
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:	<a href="#">NM_010407.4</a>
RefSeq Size:	2107 bp
RefSeq ORF:	1575 bp
Locus ID:	15162
UniProt ID:	<a href="#">P08103</a>
Cytogenetics:	2 75.41 cM



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**Gene Summary:**

The protein encoded by this gene is a member of the Src family of tyrosine kinases. This protein is primarily hemopoietic, particularly in cells of the myeloid and B-lymphoid lineages. It may play a role in the innate immune response and the STAT5 signaling pathway. Alternative translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization. [provided by RefSeq, Feb 2010]