

Product datasheet for **MR220504L3V**

Hamp2 (NM_183257) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hamp2 (NM_183257) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hamp2
Synonyms:	1810073K19Rik; HEPC; HEPC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_183257
ORF Size:	252 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220504).
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_183257.3 , NP_899080.1
RefSeq Size:	439 bp
RefSeq ORF:	252 bp
Locus ID:	66438
UniProt ID:	Q80T19
Cytogenetics:	7 19.27 cM



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Gene Summary:

This gene encodes a peptide hormone that functions in the regulation of systemic iron metabolism. The encoded preproprotein is synthesized in the hepatocytes where it undergoes proteolytic processing to generate disulfide-linked mature peptides that are secreted into the bloodstream. Transgenic mice overexpressing the encoded protein develop normally with hematologic parameters similar to the non-transgenic mice. This gene is located adjacent to a related hepcidin gene on chromosome 7. [provided by RefSeq, Aug 2016]