

# Product datasheet for MR223507L4V

## Hp (NM\_017370) Mouse Tagged ORF Clone Lentiviral Particle

### **Product data:**

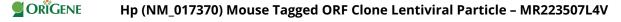
#### **Product Type: Lentiviral Particles Product Name:** Hp (NM\_017370) Mouse Tagged ORF Clone Lentiviral Particle Symbol: Hр HP-; HP-1; pre; preHP2; zo Synonyms: **Mammalian Cell** Puromycin Selection: Vector: pLenti-C-mGFP-P2A-Puro (PS100093) mGFP Tag: ACCN: NM 017370 ORF Size: 1044 bp The ORF insert of this clone is exactly the same as(MR223507). **ORF** Nucleotide Sequence: **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. NM 017370.2, NP 059066.1 **RefSeq: RefSeq Size:** 1365 bp **RefSeq ORF:** 1044 bp Locus ID: 15439 **UniProt ID:** Q61646 Cytogenetics: 8 57.11 cM



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Gene Summary:This gene encodes a plasma glycoprotein called haptoglobin that binds free hemoglobin. The<br/>encoded preproprotein undergoes proteolytic processing to generate alpha and beta<br/>subunits that form a disulfide-linked tetrameric protein that plays an important role in the<br/>sequestration and clearance of extracorpuscular hemoglobin. Mice lacking the encoded<br/>protein exhibit stunted development of lymphoid organs associated with lower counts of<br/>mature T and B cells in the blood and secondary lymphoid compartments. [provided by<br/>RefSeq, Aug 2016]

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