

## Product datasheet for RC207102L4V

## OriGene Technologies, Inc.

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## Hsp105 (HSPH1) (NM\_006644) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: Hsp105 (HSPH1) (NM\_006644) Human Tagged ORF Clone Lentiviral Particle

Symbol: Hsp105

Synonyms: HSP105; HSP105A; HSP105B; NY-CO-25

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_006644 **ORF Size:** 2574 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC207102).

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.

**RefSeg:** NM 006644.2

 RefSeq Size:
 5360 bp

 RefSeq ORF:
 2577 bp

 Locus ID:
 10808

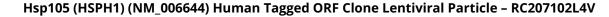
 UniProt ID:
 Q92598

 Cytogenetics:
 13q12.3

Domains: HSP70

**Protein Families:** Stem cell - Pluripotency





ORIGENE

**MW:** 96.9 kDa

**Gene Summary:** This gene encodes a member of the heat shock protein 70 family of proteins. The encoded

protein functions as a nucleotide exchange factor for the molecular chaperone heat shock cognate 71 kDa protein (Hsc70). In addition, this protein plays a distinct but related role as a holdase that inhibits the aggregation of misfolded proteins, including the cystic fibrosis transmembrane conductance regulator (CFTR) protein. Elevated expression of this protein

has been observed in numerous human cancers. [provided by RefSeq, Mar 2017]