

Product datasheet for RC221292L1V

OriGene Technologies, Inc.

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Hepsin (HPN) (NM_182983) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Hepsin (HPN) (NM 182983) Human Tagged ORF Clone Lentiviral Particle

Symbol: Hepsin
Synonyms: TMPRSS1

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_182983

 ORF Size:
 1251 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC221292).

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 182983.1, NP 892028.1

 RefSeq Size:
 2389 bp

 RefSeq ORF:
 1254 bp

 Locus ID:
 3249

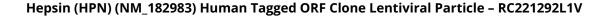
 UniProt ID:
 P05981

 Cytogenetics:
 19q13.11

Protein Families: Druggable Genome, Protease, Transmembrane

MW: 45 kDa







Gene Summary:

This gene encodes a type II transmembrane serine protease that may be involved in diverse cellular functions, including blood coagulation and the maintenance of cell morphology. Expression of the encoded protein is associated with the growth and progression of cancers, particularly prostate cancer. The protein is cleaved into a catalytic serine protease chain and a non-catalytic scavenger receptor cysteine-rich chain, which associate via a single disulfide bond. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]