

Datasheet for ABIN5481636

## Human HEPN1 ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

### Overview

|              |                             |
|--------------|-----------------------------|
| Quantity:    | 10 µg                       |
| Gene:        | HEPN1                       |
| Species:     | Human                       |
| Fusion tag:  | Myc-DYKDDDDK Tag            |
| Insert:      | ORF                         |
| Vector:      | Mammalian Expression Vector |
| Application: | Protein Expression (PEXP)   |

### Product Details

|                       |   |
|-----------------------|---|
| Purpose:              | Mammalian Vector with ORF clone of Human hepatocellular carcinoma, down-regulated 1 (HEPN1) |
| Brand:                | TrueORF   |
| Insert Length:        | 267 bp  |
| Vector Backbone:      | pCMV6-Entry   |
| Promoter:             | CMV Promoter  |
| Bacterial Resistance: | Kanamycin   |
| Expression Type:      | Transient   |
| Specificity:          | Restriction Site: SgfI-MluI   |
| Sequencing Primer:    | VP1.5 (forward) 5'GGACTTTCCAAAATGTCTG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'          |
| Grade:                | End-sequenced   |
| Components:           | The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and    |

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## Product Details

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shipped with 2 vector sequencing primers.

## Target Details

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Gene: HEPN1

Abstract: [HEPN1 Products](#)

Background: This gene is expressed in the liver, and encodes a short peptide that is localized predominantly to the cytoplasm. Transient transfection studies showed that expression of this gene significantly inhibited cell growth, and it may have a role in apoptosis. Expression of this gene is downregulated or lost in hepatocellular carcinomas (HCC), suggesting that loss of this gene is involved in carcinogenesis of hepatocytes (PMID:12971969). Also to note is that this gene maps to the 3'-noncoding region of HEPACAM gene (GeneID:220296) on the antisense strand (PMID:15885354).

NCBI Accession: [NM\\_001037558](#), [NP\\_001032647](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: 4 °C/-20 °C

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)