

## Product datasheet for **RC224384L4V**

### ITIH2 (NM\_002216) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |                                   |
|---------------------------|-----------------------------------|
| Product Type:             | Lentiviral Particles              |
| Symbol:                   | ITIH2                             |
| Synonyms:                 | H2P; SHAP                         |
| Mammalian Cell Selection: | Puromycin                         |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag:                      | mGFP                              |
| ACCN:                     | NM_002216                         |
| ORF Size:                 | 2838 bp                           |

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC224384).

**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:       | <a href="#">NM_002216.2</a> |
| RefSeq Size:  | 3198 bp                     |
| RefSeq ORF:   | 2841 bp                     |
| Locus ID:     | 3698                        |
| UniProt ID:   | <a href="#">P19823</a>      |
| Cytogenetics: | 10p14                       |



**Domains:** VWA, VIT

**MW:** 106.3 kDa

**Gene Summary:** The inter-alpha-trypsin inhibitors (ITI) are a family of structurally related plasma serine protease inhibitors involved in extracellular matrix stabilization and in prevention of tumor metastasis. The ITI family contains multiple proteins made up of a light chain (see MIM 176870) and a variable number of heavy chains (Salier et al., 1987 [PubMed 2446322]; Himmelfarb et al., 2004 [PubMed 14744536]).[supplied by OMIM, Nov 2009]