

## Product datasheet for **RC218300L1V**

### HPR (NM\_020995) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | HPR (NM_020995) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | HPR  |
| Synonyms:                 | A-259H10.2; HP   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_020995  |
| ORF Size:                 | 1044 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC218300).   |
| 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. <a href="#">More info</a> |
| 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_020995.3</a>  |
| RefSeq Size:              | 1245 bp  |
| RefSeq ORF:               | 1047 bp  |
| Locus ID:                 | 3250   |
| UniProt ID:               | <a href="#">P00739</a>   |
| Cytogenetics:             | 16q22.2  |
| Domains:                  | CCP, Tryp_SPc  |
| Protein Families:         | Druggable Genome, Protease, Secreted Protein   |



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**MW:** 38.8 kDa

**Gene Summary:** This gene encodes a haptoglobin-related protein that binds hemoglobin as efficiently as haptoglobin. Unlike haptoglobin, plasma concentration of this protein is unaffected in patients with sickle cell anemia and extensive intravascular hemolysis, suggesting a difference in binding between haptoglobin-hemoglobin and haptoglobin-related protein-hemoglobin complexes to CD163, the hemoglobin scavenger receptor. This protein may also be a clinically important predictor of recurrence of breast cancer. [provided by RefSeq, Oct 2011]