

## Product datasheet for **RC215555L2V**

### CLPX (NM\_006660) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | CLPX (NM_006660) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | CLPX   |
| Synonyms:                 | EPP2   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_006660  |
| ORF Size:                 | 1899 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC215555).   |
| 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_006660.3</a>  |
| RefSeq Size:              | 2351 bp  |
| RefSeq ORF:               | 1902 bp  |
| Locus ID:                 | 10845  |
| UniProt ID:               | <a href="#">O76031</a>   |
| Cytogenetics:             | 15q22.31   |
| Domains:                  | AAA, AAA   |
| Protein Families:         | Protease   |



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**MW:** 69 kDa

**Gene Summary:** The protein encoded by this gene is part of a protease found in mitochondria. This protease is ATP-dependent and targets specific proteins for degradation. The protease consists of two heptameric rings of the CLPP catalytic subunit sandwiched between two hexameric rings of the chaperone subunit encoded by this gene. Targeted proteins are unwound by this protein and then passed on to the CLPP subunit for degradation. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Nov 2015]