

Product datasheet for **RC201347L2V**

IST1 (NM_014761) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | IST1 (NM_014761) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | IST1 |
| Synonyms: | CHMP8; OLC1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_014761 |
| ORF Size: | 1080 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201347). |
| 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: | NM_014761.2 |
| RefSeq Size: | 4035 bp |
| RefSeq ORF: | 1083 bp |
| Locus ID: | 9798 |
| UniProt ID: | P53990 |
| Cytogenetics: | 16q22.2 |
| Domains: | DUF292 |
| MW: | 39.9 kDa |



[View online »](#)

Gene Summary:

This gene encodes a protein with MIT-interacting motifs that interacts with components of endosomal sorting complexes required for transport (ESCRT). ESCRT functions in vesicle budding, such as that which occurs during membrane abscission in cytokinesis. There is a pseudogene for this gene on chromosome 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2012]