

## Product datasheet for **RC224840L2V**

### **FAM105B (OTULIN) (NM\_138348) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | FAM105B (OTULIN) (NM_138348) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | FAM105B  |
| Synonyms:                 | AIPDS; FAM105B; GUM  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_138348  |
| ORF Size:                 | 1056 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC224840).   |
| 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_138348.4</a>  |
| RefSeq Size:              | 7896 bp  |
| RefSeq ORF:               | 1059 bp  |
| Locus ID:                 | 90268  |
| UniProt ID:               | <a href="#">Q96BN8</a>   |
| Cytogenetics:             | 5p15.2   |
| MW:                       | 40.1 kDa   |



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**Gene Summary:**

This gene encodes a member of the peptidase C65 family of ubiquitin isopeptidases. Members of this family remove ubiquitin from proteins. The encoded enzyme specifically recognizes and removes M1(Met1)-linked, or linear, ubiquitin chains from protein substrates. Linear ubiquitin chains are known to regulate the NF-kappa B signaling pathway in the context of immunity and inflammation. Mutations in this gene cause a potentially fatal autoinflammatory syndrome in human patients. [provided by RefSeq, Sep 2016]