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# Product datasheet for RC227343L3V

## SQSTM1 (NM_001142299) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | SQSTM1 (NM_001142299) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | SQSTM1 |
| **Synonyms:** | A170; DMRV; FTDALS3; NADGP; OSIL; p60; p62; p62B; PDB3; ZIP3 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001142299 |
| **ORF Size:** | 1320 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC227343). |
| **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_001142299.1, NP_001135771.1 |
| **RefSeq Size:** | 2848 bp |
| **RefSeq ORF:** | 1071 bp |
| **Locus ID:** | 8878 |
| **UniProt ID:** | Q13501 |
| **Cytogenetics:** | 5q35.3 |
| **Protein Families:** | Druggable Genome, Transcription Factors |
| **MW:** | 47.7 kDa |

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**Gene Summary:** This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone. [provided by RefSeq, Mar 2009]