

## Product datasheet for RC229199L4V

## OriGene Technologies, Inc.

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## DNAJB12 (NM\_001002762) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

**Product Name:** DNAJB12 (NM\_001002762) Human Tagged ORF Clone Lentiviral Particle

Symbol: DNAJB12

Synonyms: DJ10

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_001002762

ORF Size: 1227 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC229199).

Sequence:
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.

**RefSeg:** NM 001002762.2, NP 001002762.2

 RefSeq Size:
 4377 bp

 RefSeq ORF:
 1128 bp

 Locus ID:
 54788

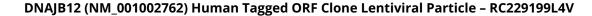
 UniProt ID:
 Q9NXW2

 Cytogenetics:
 10q22.1

**Protein Families:** Transmembrane

MW: 45.5 kDa







## **Gene Summary:**

DNAJB12 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain (Ohtsuka and Hata, 2000 [PubMed 11147971]).[supplied by OMIM, Mar 2008]