

OriGene Technologies, Inc.

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Product datasheet for MR207741L4V

Trim11 (BC020102) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Name:Trim11 (BC020102) Mouse Tagged ORF Clone Lentiviral ParticleSymbol:Trim11Mammalian CellPuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:BC020102ORF Size:1449 bpCRF NucleotideThe oRF insert of this clone is exactly the same as(MR207741).Sequence: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 infoOTI Annotation:BC020102.1RefSeq Size:SC020102.1RefSeq ORF:451 bpLocus ID:94091	Product Type:	Lentiviral Particles
Name Belection:PuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:BC020102ORF Size:1449 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(MR207741).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 infoOTI Annotation:This Clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeq:BC020102.1RefSeq ORF:1451 bpLocus ID:94091	Product Name:	Trim11 (BC020102) Mouse Tagged ORF Clone Lentiviral Particle
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RefSeq ORF: 1451 bp Locus ID: 94091	RefSeq:	<u>BC020102.1</u>
Locus ID: 94091	RefSeq Size:	2322 bp
	RefSeq ORF:	1451 bp
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CRIGENE Trim11 (BC020102) Mouse Tagged ORF Clone Lentiviral Particle – MR207741L4V

Gene Summary:E3 ubiquitin-protein ligase that promotes the degradation of insoluble ubiquitinated proteins,
including insoluble PAX6, poly-Gln repeat expanded HTT and poly-Ala repeat expanded ARX.
Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating
cortical neurogenesis. May also inhibit PAX6 transcriptional activity, possibly in part by
preventing the binding of PAX6 to its consensus sequences. May contribute to the regulation
of the intracellular level of HN (humanin) or HN-containing proteins through the proteasomal
degradation pathway. Mediates MED15 ubiquitination leading to proteasomal degradation.
May contribute to the innate restriction of retroviruses. Upon overexpression, reduces HIV-1
and murine leukemia virus infectivity, by suppressing viral gene expression. Antiviral activity
depends on a functional E3 ubiquitin-protein ligase domain. May regulate TRIM5 turnover via
the proteasome pathway, thus counteracting the TRIM5-mediated cross-species restriction of
retroviral infection at early stages of the retroviral life cycle.[UniProtKB/Swiss-Prot Function]

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