

Product datasheet for RC221780L3V

OriGene Technologies, Inc.

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TROVE2 (RO60) (NM_004600) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: TROVE2 (RO60) (NM 004600) Human Tagged ORF Clone Lentiviral Particle

Symbol: RO60

Synonyms: RORNP; SSA2; TROVE2

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

 Tag:
 Myc-DDK

 ACCN:
 NM_004600

ORF Size: 1614 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC221780).

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 004600.3

 RefSeq Size:
 3098 bp

 RefSeq ORF:
 1617 bp

 Locus ID:
 6738

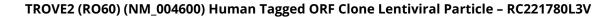
 UniProt ID:
 P10155

Cytogenetics: 1q31.2

Protein Families: Transcription Factors

Protein Pathways: Systemic lupus erythematosus





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MW: 60.5 kDa

Gene Summary: RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several

small cytoplasmic RNA molecules known as Y RNAs. May stabilize some of these RNAs and protect them from degradation (PubMed:18056422). Binds to endogenous Alu retroelements which are induced by type I interferon and stimulate porinflammaotry cytokine secretion.

Regulates the expression of Alu retroelements as well as inflammatory genes

(PubMed:26382853).[UniProtKB/Swiss-Prot Function]