

Product datasheet for RC206109L3V

OriGene Technologies, Inc.

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FTSJD1 (CMTR2) (NM_018348) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: FTSJD1 (CMTR2) (NM_018348) Human Tagged ORF Clone Lentiviral Particle

Symbol: FTSJD^{*}

Synonyms: AFT; FTSJD1; HMTr2; MTr2

Mammalian Cell

Selection:

ACCN:

Puromycin

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

NM 018348

Tag: Myc-DDK

ORF Size: 2310 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC206109).

OTI Disclaimer:

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 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: <u>NM 018348.5</u>

 RefSeq Size:
 4184 bp

 RefSeq ORF:
 2313 bp

 Locus ID:
 55783

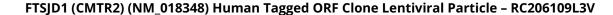
 UniProt ID:
 Q8IYT2

 Cytogenetics:
 16q22.2

Domains: Fts

MW: 88.1 kDa







Gene Summary:

S-adenosyl-L-methionine-dependent methyltransferase that mediates mRNA cap2 2'-O-ribose methylation to the 5'-cap structure of mRNAs. Methylates the ribose of the second nucleotide of a m(7)GpppG-capped mRNA and small nuclear RNA (snRNA) (cap0) to produce m(7)GpppRmpNm (cap2). Recognizes a guanosine cap on RNA independently of its N(7) methylation status. Display cap2 methylation on both cap0 and cap1. Displays a preference for cap1 RNAs.[UniProtKB/Swiss-Prot Function]