

Product datasheet for RC215329L3V

OriGene Technologies, Inc.

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ADSSL1 (ADSS1) (NM 199165) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ADSSL1 (ADSS1) (NM_199165) Human Tagged ORF Clone Lentiviral Particle

Symbol:

ADSSL1; MPD5 Synonyms:

Mammalian Cell

Selection:

Puromycin

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

Myc-DDK Tag:

NM 199165 ACCN:

ORF Size: 1500 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC215329).

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of OTI Disclaimer:

> 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.

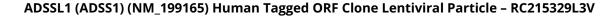
RefSeq: NM 199165.1

RefSeq Size: 1826 bp RefSeq ORF: 1503 bp Locus ID: 122622 **UniProt ID:** Q8N142 Cytogenetics: 14q32.33

Protein Pathways: Alanine, aspartate and glutamate metabolism, Metabolic pathways, Purine metabolism

MW: 54.4 kDa







Gene Summary:

This gene encodes a member of the adenylosuccinate synthase family of proteins. The encoded muscle-specific enzyme plays a role in the purine nucleotide cycle by catalyzing the first step in the conversion of inosine monophosphate (IMP) to adenosine monophosphate (AMP). Mutations in this gene may cause adolescent onset distal myopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]