OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC204131L3V

SLC33A1 (NM_004733) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC33A1 (NM_004733) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC33A1
Synonyms:	ACATN; AT-1; AT1; CCHLND; SPG42
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004733
ORF Size:	1647 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204131).
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.
RefSeq:	NM_004733.2
RefSeq Size:	3811 bp
RefSeq ORF:	1650 bp
Locus ID:	9197
UniProt ID:	O00400
Cytogenetics:	3q25.31
Protein Families:	Transmembrane
Protein Pathways:	Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways

View online »

MW: 60.9 kDa

Gene Summary: The protein encoded by this gene is required for the formation of O-acetylated (Ac) gangliosides. The encoded protein is predicted to contain 6 to 10 transmembrane domains, and a leucine zipper motif in transmembrane domain III. Defects in this gene have been reported to cause spastic paraplegia autosomal dominant type 42 (SPG42) in one Chinese family, but not in similar patients of European descent. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010]