

Product datasheet for RC202093L3

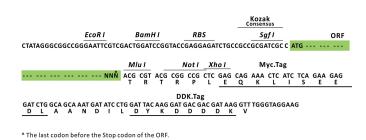
FA2H (NM_024306) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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lasmids 24306) Human Tagged Lenti ORF Clone FAXDC1; SCS7; SPG35
FAXDC1: SCS7: SPG35
:-DDK-P2A-Puro (PS100092)
nicol (34 ug/mL)
rt of this clone is exactly the same as(RC202093).
Cloning sites used for ORF Shuttling: Sgf I ORF Miu I GCG ATC GC C ATG // NNŇ ACG CGT
r



ACCN: ORF Size: NM_024306 1116 bp



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GRIGENE FA2H	(NM_024306) Human Tagged Lenti ORF Clone – RC202093L3
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 024306.2</u>
RefSeq Size:	2450 bp
RefSeq ORF:	1119 bp
Locus ID:	79152
UniProt ID:	<u>Q7L5A8</u>
Cytogenetics:	16q23.1
Protein Families:	Transmembrane
MW:	42.8 kDa
Gene Summary:	This gene encodes a protein that catalyzes the synthesis of 2-hydroxysphingolipids, a subset of sphingolipids that contain 2-hydroxy fatty acids. Sphingolipids play roles in many cellular processes and their structural diversity arises from modification of the hydrophobic ceramide moiety, such as by 2-hydroxylation of the N-acyl chain, and the existence of many different head groups. Mutations in this gene have been associated with leukodystrophy dysmyelinating with spastic paraparesis with or without dystonia.[provided by RefSeq, Mar

2010]

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