

Product datasheet for RC209971L3

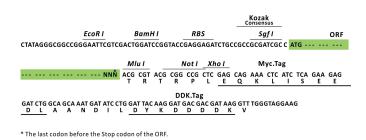
ZADH2 (NM_175907) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Expression Plasmids
ZADH2 (NM_175907) Human Tagged Lenti ORF Clone
Myc-DDK
ZADH2
PRG-3
Puromycin
pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(RC209971).
Sgfl-Mlul
Cloning sites used for ORF Shuttling: Sgf1 ORF Mlu I GCG ATC GC/c ATG // NNÑ ACG CGT



ACCN: ORF Size: NM_175907 1131 bp



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	2 (NM_175907) Human Tagged Lenti ORF Clone – RC209971L3
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 175907.3, NP 787103.1</u>
RefSeq Size:	5495 bp
RefSeq ORF:	1134 bp
Locus ID:	284273
UniProt ID:	<u>Q8N4Q0</u>
Cytogenetics:	18q22.3
Protein Families:	Druggable Genome
MW:	40.1 kDa
Gene Summary:	Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15- keto-PGE1-alpha and 15-keto-PGE2-alpha with highest efficienty towards 15-keto-PGE2-alpha. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation.[UniProtKB/Swiss-Prot Function]

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