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Product datasheet for RC227672L4V

DACH2 (NM_001139514) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DACH2 (NM_001139514) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DACH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001139514
ORF Size:	1713 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227672).
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_001139514.1, NP_001132986.1
RefSeq ORF:	1716 bp
Locus ID:	117154
UniProt ID:	Q96NX9
Cytogenetics:	Xq21.2
Protein Families:	Transcription Factors
MW:	61.8 kDa

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Gene Summary: This gene is one of two genes which encode a protein similar to the Drosophila protein dachshund, a transcription factor involved in cell fate determination in the eye, limb and genital disc of the fly. The encoded protein contains two characteristic dachshund domains: an N-terminal domain responsible for DNA binding and a C-terminal domain responsible for protein-protein interactions. This gene is located on the X chromosome and is subject to inactivation by DNA methylation. The encoded protein may be involved in regulation of organogenesis and myogenesis, and may play a role in premature ovarian failure. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]