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Product datasheet for RC210112L3V

EDDM3A (NM_006683) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EDDM3A (NM_006683) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EDDM3A
Synonyms:	EP3A; FAM12A; HE3-ALPHA; HE3A; HE3ALPHA; RAM1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006683
ORF Size:	441 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC210112).`
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_006683.4
RefSeq Size:	879 bp
RefSeq ORF:	444 bp
Locus ID:	10876
UniProt ID:	Q14507
Cytogenetics:	14q11.2
Protein Families:	Secreted Protein, Transmembrane
MW:	17.6 kDa

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Gene Summary: Testicular sperm are morphologically differentiated but are not progressively motile nor able to fertilize an egg. Post-testicular maturation requires exposure of spermatozoa to the microenvironment of the epididymal lumen. Spermatozoa undergo extensive changes in the epididymis, including enzymatic modifications, loss of pre-existing components and addition of new glycoproteins from epididymal secretions. These modifying proteins and enzymes are synthesized by epithelial cells lining the epididymal duct and secreted apically into the lumen, where they come into contact with, and may be absorbed onto, the sperm membranes. The proteins encoded by the genes in this cluster are synthesized and secreted by epididymal epithelial cells. [provided by RefSeq, Jul 2008]