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Product datasheet for MR209070L4V

Tex2 (BC057406) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tex2 (BC057406) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tex2
Synonyms:	Taz4, Def-5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC057406
ORF Size:	1734 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209070).
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:	BC057406, AAH57406
RefSeq Size:	3122 bp
RefSeq ORF:	1736 bp
Locus ID:	21763
Cytogenetics:	11 69.46 cM

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Gene Summary: During endoplasmic reticulum (ER) stress or when cellular ceramide levels increase, may induce contacts between the ER and medial-Golgi complex to facilitate non-vesicular transport of ceramides from the ER to the Golgi complex where they are converted to complex sphingolipids, preventing toxic ceramide accumulation.[UniProtKB/Swiss-Prot Function]