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Product datasheet for MR226893L3V

Gja3 (NM_016975) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gja3 (NM_016975) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gja3
Synonyms:	Cnx46; Cx43; Cx46; Gja-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016975
ORF Size:	1254 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226893).
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_016975.2, NP_058671.2
RefSeq Size:	2696 bp
RefSeq ORF:	1254 bp
Locus ID:	14611
UniProt ID:	Q64448
Cytogenetics:	14 29.82 cM

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Gene Summary: Structural component of lens fiber gap junctions. Gap junctions are dodecameric channels that connect the cytoplasm of adjoining cells. They are formed by the docking of two hexameric hemichannels, one from each cell membrane. Small molecules and ions diffuse from one cell to a neighboring cell via the central pore.[UniProtKB/Swiss-Prot Function]