

Product datasheet for **MR202661L4V**

Gjb2 (NM_008125) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gjb2 (NM_008125) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gjb2
Synonyms:	AI325222; Cnx26; Cx26; Gjb-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008125
ORF Size:	681 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202661).
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_008125.2
RefSeq Size:	2404 bp
RefSeq ORF:	681 bp
Locus ID:	14619
UniProt ID:	Q00977
Cytogenetics:	14 30.1 cM



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Gene Summary:

Structural component of gap junctions (PubMed:15692151). 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 (By similarity). Small molecules and ions diffuse from one cell to a neighboring cell via the central pore (PubMed:15692151). [UniProtKB/Swiss-Prot Function]