Product datasheet for RC204405L4V

GJB3 (NM_001005752) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GJB3 (NM_001005752) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GJB3
Synonyms:	CX31; DFNA2; DFNA2B; EKV; EKVP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001005752
ORF Size:	810 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204405).
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_001005752.1
RefSeq Size:	1777 bp
RefSeq ORF:	813 bp
Locus ID:	2707
UniProt ID:	O75712
Cytogenetics:	1p34.3
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	30.8 kDa

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Gene Summary: This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene can cause non-syndromic deafness or erythrokeratodermia variabilis, a skin disorder. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]