

Product datasheet for **MR214261L3V**

Pgbd5 (NM_171824) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pgbd5 (NM_171824) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pgbd5
Synonyms:	2900019M05Rik; AI854313
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_171824
ORF Size:	1227 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR214261).
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_171824.2 , NP_741958.1
RefSeq Size:	2854 bp
RefSeq ORF:	1230 bp
Locus ID:	209966
UniProt ID:	D3YZI9
Cytogenetics:	8 E2



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Gene Summary:

The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, *Trichoplusia ni*. This family also includes genes in several genomes that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. The exact function of this gene is not known. [provided by RefSeq, Jul 2008]