

Product datasheet for **MR220642L3V**

Amn (NM_033603) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Amn (NM_033603) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Amn
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_033603
ORF Size:	1374 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220642).
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_033603.2 , NP_291081.2
RefSeq Size:	1685 bp
RefSeq ORF:	1377 bp
Locus ID:	93835
UniProt ID:	Q99JB7
Cytogenetics:	12 60.94 cM



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Gene Summary:

This gene encodes a type I transmembrane protein. The encoded protein is an essential component of the cubulin receptor complex which is thought to play a role in coordinating growth and patterning of the embryo. This protein is thought to modulate a bone morphogenetic protein (BMP) signaling pathway. A homozygous mutation in the mouse gene results in the lack of an amnion in embryos. Mutations in the human gene are associated with Megaloblastic Anemia-1. [provided by RefSeq, Sep 2015]