

Product datasheet for **RC219248L4V**

AMN (NM_030943) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AMN (NM_030943) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AMN
Synonyms:	amnionless; IGS2; PRO1028
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030943
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219248).
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_030943.1 , NP_112205.1
RefSeq Size:	1896 bp
RefSeq ORF:	1362 bp
Locus ID:	81693
UniProt ID:	Q9BXJ7
Cytogenetics:	14q32.32
Protein Families:	Druggable Genome, Transmembrane
MW:	45.6 kDa


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Gene Summary:

The protein encoded by this gene is a type I transmembrane protein. It is thought to modulate bone morphogenetic protein (BMP) receptor function by serving as an accessory or coreceptor, and thus facilitates or hinders BMP binding. It is known that the mouse AMN gene is expressed in the extraembryonic visceral endoderm layer during gastrulation, but it is found to be mutated in amnionless mouse. The encoded protein has sequence similarity to short gastrulation (Sog) and procollagen IIA proteins in *Drosophila*. [provided by RefSeq, Jul 2008]