

Product datasheet for **MR224739L4V**

Wnt10b (NM_011718) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Wnt10b (NM_011718) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Wnt10b
Synonyms:	Wnt12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011718
ORF Size:	1167 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224739).
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_011718.2 , NP_035848.1
RefSeq Size:	2272 bp
RefSeq ORF:	1170 bp
Locus ID:	22410
UniProt ID:	P48614
Cytogenetics:	15 54.65 cM



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Gene Summary:

Member of the Wnt ligand gene family that encodes for secreted proteins, which activate the Wnt signaling cascade. Specifically activates canonical Wnt/beta-catenin signaling and thus triggers beta-catenin/LEF/TCF-mediated transcriptional programs. Involved in signaling networks controlling stemness, pluripotency and cell fate decisions. Acts in the immune system, mammary gland, adipose tissue, bone and skin.[UniProtKB/Swiss-Prot Function]