

Product datasheet for **MR226351L3V**

Bglap (NM_007541) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bglap (NM_007541) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bglap
Synonyms:	Bgl; Bglap1; BGP; mOC; mOC-A; O; OC; OG; OG1; oste
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007541
ORF Size:	285 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226351).
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_007541.2
RefSeq Size:	494 bp
RefSeq ORF:	288 bp
Locus ID:	12096
UniProt ID:	P86546
Cytogenetics:	3 38.82 cM



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Gene Summary:

This gene encodes one of the most abundant non-collagenous proteins in bone tissue that is localized to the mineralized matrix of bone. The encoded preproprotein undergoes proteolytic processing and post-translational gamma carboxylation to generate a mature, calcium-binding protein. Mice lacking the encoded protein develop abnormalities of bone remodelling. This gene is located adjacent to two other osteocalcin-related genes on chromosome 3. [provided by RefSeq, Oct 2015]