

Product datasheet for **MR225276L3V**

Nog (NM_008711) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nog (NM_008711) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nog
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008711
ORF Size:	696 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225276).
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_008711.2
RefSeq Size:	1922 bp
RefSeq ORF:	699 bp
Locus ID:	18121
UniProt ID:	P97466
Cytogenetics:	11 54.34 cM
Gene Summary:	Essential for cartilage morphogenesis and joint formation. Inhibitor of bone morphogenetic proteins (BMP) signaling which is required for growth and patterning of the neural tube and somite (PubMed:9585504, PubMed:9603738). Inhibits chondrocyte differentiation through its interaction with GDF5 and, probably, GDF6 (By similarity).[UniProtKB/Swiss-Prot Function]



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