

Product datasheet for **MR204953L3V**

Cnmd (NM_010701) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cnmd (NM_010701) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cnmd
Synonyms:	Bricd3; ChM-I; Chmd; Lect1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_010701
ORF Size:	1005 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204953).
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_010701.1
RefSeq Size:	1436 bp
RefSeq ORF:	1005 bp
Locus ID:	16840
UniProt ID:	Q9Z1F6
Cytogenetics:	14 D3



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Gene Summary:

Bifunctional growth regulator that stimulates the growth of cultured chondrocytes in the presence of basic fibroblast growth factor (FGF) but inhibits the growth of cultured vascular endothelial cells. May contribute to the rapid growth of cartilage and vascular invasion prior to the replacement of cartilage by bone during endochondral bone development (By similarity). Inhibits in vitro tube formation and mobilization of endothelial cells (By similarity). Plays a role as antiangiogenic factor in cardiac valves to suppress neovascularization. [UniProtKB/Swiss-Prot Function]