

Product datasheet for **MR226802L4V**

Ctgf (NM_010217) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ctgf (NM_010217) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ctgf
Synonyms:	Ccn2; fisp-12; Fisp12; Hcs24
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010217
ORF Size:	1044 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226802).
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_010217.2 , NP_034347.2
RefSeq Size:	2418 bp
RefSeq ORF:	1047 bp
Locus ID:	14219
UniProt ID:	P29268
Cytogenetics:	10 11.84 cM



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Gene Summary:

Major connective tissue mitogen secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes (By similarity). Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells (By similarity). Enhances fibroblast growth factor-induced DNA synthesis (By similarity).[UniProtKB/Swiss-Prot Function]