

Product datasheet for **MR212137L2V**

Hbegf (NM_010415) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

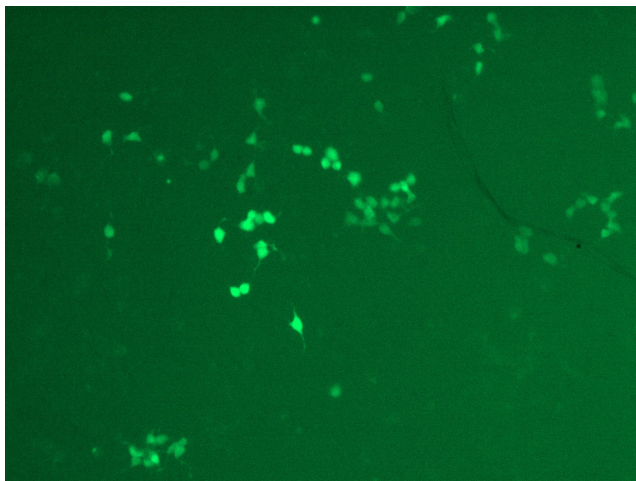
Product Type:	Lentiviral Particles
Product Name:	Hbegf (NM_010415) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hbegf
Synonyms:	AW047313; Dtr; Dts; Hegfl
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_010415
ORF Size:	624 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212137).
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_010415.2 , NP_034545.1
RefSeq Size:	2337 bp
RefSeq ORF:	627 bp
Locus ID:	15200
UniProt ID:	Q06186
Cytogenetics:	18 19.46 cM



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Gene Summary:

Growth factor that mediates its effects via EGFR, ERBB2 and ERBB4. Required for normal cardiac valve formation and normal heart function. Promotes smooth muscle cell proliferation. May be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts, but not endothelial cells. It is able to bind EGF receptor/EGFR with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. Also acts as a diphtheria toxin receptor.[UniProtKB/Swiss-Prot Function]

Product images:

[MR212137L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR212137L2V particle to overexpress human Hbegf-mGFP fusion protein.