

## Product datasheet for **MR211795L3V**

### **Egf (BC017681) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Egf (BC017681) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Egf
Synonyms:	AI790464
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC017681
ORF Size:	3600 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211795).
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. <a href="#">More info</a>
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:	<a href="#">BC017681.1</a>
RefSeq Size:	4709 bp
RefSeq ORF:	3602 bp
Locus ID:	13645
Cytogenetics:	3 58.5 cM



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**Gene Summary:**

This gene encodes epidermal growth factor (EGF), the founding member of the EGF family of growth factors that are implicated in cell proliferation and differentiation. The encoded protein can localize to the membrane and function in juxtacrine signaling or undergo proteolytic processing to generate a soluble form of the hormone. Mice lacking the encoded protein do not exhibit an abnormal phenotype but transgenic mice overexpressing the encoded protein exhibit hypospermatogenesis. [provided by RefSeq, Jul 2016]