

## Product datasheet for **MR209445L4V**

### **Muc20 (NM\_146071) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Muc20 (NM_146071) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Muc20
Synonyms:	BC026367
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_146071
ORF Size:	1851 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209445).
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="#">NM_146071.1</a>
RefSeq Size:	2555 bp
RefSeq ORF:	1971 bp
Locus ID:	224116
UniProt ID:	<a href="#">Q8BUE7</a>
Cytogenetics:	16 B3



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**Gene Summary:**

May regulate MET signaling cascade. Seems to decrease hepatocyte growth factor (HGF)-induced transient MAPK activation. Blocks GRB2 recruitment to MET thus suppressing the GRB2-RAS pathway. Inhibits HGF-induced proliferation of MMP1 and MMP9 expression (By similarity).[UniProtKB/Swiss-Prot Function]