

Product datasheet for **MR223375L3V**

Mmel1 (NM_013783) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mmel1 (NM_013783) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mmel1
Synonyms:	Mell1; NEP2; NEPII; NI1; SEP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013783
ORF Size:	2298 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223375).
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_013783.2 , NP_038811.2
RefSeq Size:	2948 bp
RefSeq ORF:	2301 bp
Locus ID:	27390
UniProt ID:	Q9JLI3
Cytogenetics:	4 E2


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Gene Summary:

Metalloprotease involved in sperm function, possibly by modulating the processes of fertilization and early embryonic development. Degrades a broad variety of small peptides with a preference for peptides shorter than 3 kDa containing neutral bulky aliphatic or aromatic amino acid residues. Shares the same substrate specificity with MME and cleaves peptides at the same amide bond.[UniProtKB/Swiss-Prot Function]