

Product datasheet for **MR227396L3V**

Adam10 (NM_007399) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Adam10 (NM_007399) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Adam10 |
| Synonyms: | 1700031C13Rik; kuz; kuzb; kuzbanian; MADM |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_007399 |
| ORF Size: | 2247 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR227396). |
| 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_007399.3 |
| RefSeq Size: | 4605 bp |
| RefSeq ORF: | 2250 bp |
| Locus ID: | 11487 |
| UniProt ID: | O35598 |
| Cytogenetics: | 9 39.53 cM |



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Gene Summary:

This gene encodes a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. The encoded preproprotein undergoes proteolytic processing to generate a mature enzyme that is involved in the proteolytic release of membrane-bound proteins in a process called ectodomain shedding. Mice lacking the encoded protein die in utero with multiple defects of the developing central nervous system, somites, and cardiovascular system. [provided by RefSeq, May 2016]