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Product datasheet for MR222780L3V

Adam22 (NM_001098225) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adam22 (NM_001098225) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adam22
Synonyms:	2900022I03Rik; AI854032; MDC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001098225
ORF Size:	2604 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR222780).`
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_001098225.1, NP_001091695.1
RefSeq Size:	9068 bp
RefSeq ORF:	2607 bp
Locus ID:	11496
UniProt ID:	Q9R1V6
Cytogenetics:	5 3.39 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, functional protein. The protein encoded by this gene is believed to lack metalloproteinase activity due to the lack of a critical catalytic motif. Mice lacking the encoded protein exhibit severe ataxia, hypomyelination and premature death. Alternative splicing results in multiple transcript variants encoding different isoforms, some of which may undergo similar processing. [provided by RefSeq, May 2016]