

Product datasheet for **RG239618**

ADAM33 (NM_001282447) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAM33 (NM_001282447) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ADAM33
Synonyms:	C20orf153; DJ964F7.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239618 representing NM_001282447.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
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ATGCCAAGATCCTGCCTTGG
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Protein Sequence: >Peptide sequence encoded by RG239618
 Blue=ORF Red=Cloning site Green=Tag(s)

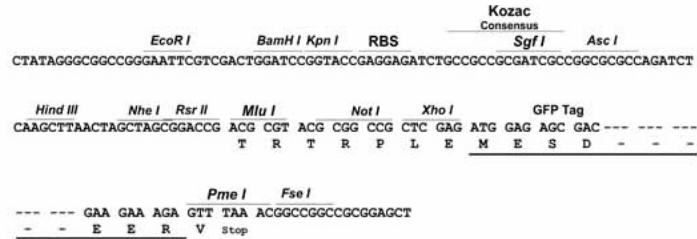
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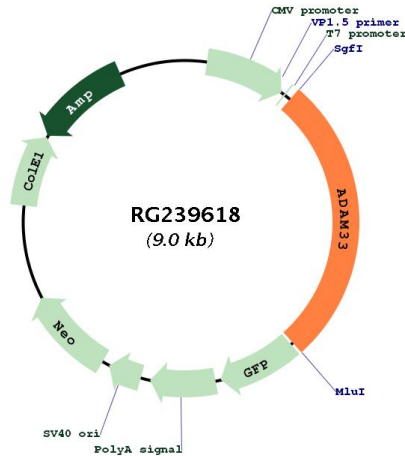
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Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:


ACCN: NM_001282447

ORF Size: 2436 bp

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001282447.3](#)

RefSeq Size: 3621 bp

RefSeq ORF: 2439 bp

Locus ID: 80332

UniProt ID: [Q9BZ11](#)

Cytogenetics: 20p13

Protein Families: Druggable Genome, Protease, Transmembrane

MW: 88.1 kDa

Gene Summary:

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This protein is a type I transmembrane protein implicated in asthma and bronchial hyperresponsiveness. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2013]