

## Product datasheet for **SC332791**

### ADAM15 (NM\_001261464) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADAM15 (NM_001261464) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAM15
Synonyms:	MDC15
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC332791 representing NM\_001261464.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCGGCTGGCGCTGCTCTGGGCCCTGGGGCTCCTGGGCGGGGAGCCCTCTGCCTTCTGGCCGCTC
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TCTGGGTGTCCATCTGCACCTGCTCTGGGCTCAGAGGCTTGGTGGTCTGACCCAGAGAGAAGCTAT
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CCCCCTGACTGCACCACTCAGCTCAAAGCAACCAGCTCCCTGACCACAGGGCTGCTCCTCAGCCTCCTG
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CAGAGGGCCCTGCTGGCACGAGGCACTAAGTCTCAGGGGCCAGCCAAGCCCCACCCCAAGGAAGCCA
CTGCTTCCGACCCCAAGGGCCGGTCCCATCGGGTACCTGCCGCGCCAGGGGCTGGAATCCCGCC
CTAGTGGTACCCTCCAGACCAGCGCCACCGCCTCCGACAGTGTCTCGCTACCTCTGA
  
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001261464

**Insert Size:** 2475 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001261464.1</a>
<b>RefSeq Size:</b>	2882 bp
<b>RefSeq ORF:</b>	2475 bp
<b>Locus ID:</b>	8751
<b>UniProt ID:</b>	<a href="#">Q13444</a>
<b>Cytogenetics:</b>	1q21.3
<b>Protein Families:</b>	Druggable Genome, Protease, Transmembrane
<b>MW:</b>	88.7 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (7) lacks two alternate in-frame exons in the 3' coding region compared to variant 6. The resulting protein (isoform 7) is shorter compared to isoform 6.</p>