

Product datasheet for SC307609

ADAMTS6 (NM_197941) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ADAMTS6 (NM_197941) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ADAMTS6 |
| Synonyms: | ADAM-TS 6; ADAM-TS6; ADAMTS-6 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC307609 representing NM_197941. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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TGTAGAGAGCTCTGGTGTCTCAGCAAAAGCAACCGCTGTGTCCACCAACAGTATTCCAGCAGCTGAGGGG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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- Restriction Sites:** Sgfl-MluI
- Plasmid Map:** □
- ACCN:** NM_197941
- Insert Size:** 3354 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_197941.3](#)

RefSeq Size: 7332 bp

RefSeq ORF: 3354 bp

Locus ID: 11174

UniProt ID: [Q9UKP5](#)

Cytogenetics: 5q12.3

Protein Families: Protease

MW: 125.3 kDa

Gene Summary: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. Expression of this gene may be regulated by the cytokine TNF-alpha. [provided by RefSeq, Mar 2016]