

AACAGCTCTGGTGACGCCACCCAGACAACCCCTACTTTGCAAGACAAAGAAGGGTCTCCACTGGATGG
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CGAGACGGCAACTGGGGTGCTGGACTCCGTTTGGCTCCTGCTCAGCACCTGTGGCACAGGCGTGAAGT
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CACCGTGTGGTTATTCCTGAAGGAGACACCAGGATCTCACTGACATACAATACATGATTACGAGGAC
TCCCTCAATGTTGACGACAACAATGCTCTGGAAGATGATGCTGTGCCACGAGTGGGCCCTGAAGAAGT
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CAGCAAGATGGTACACCGAGCCTTCTGAGTGCCTCGCCAAGCCCAAGGCCATCCGACGAGCCTGCAAC
CCTCAGGAGTGTCTCCAGCCTGTGTGGGTACCGGTGAATGGGAGCCTTGACTCAAAGCTGTGGGCGAA
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CAAACACTGCAACGATACCCGTCCCGAGAGCCCGGGCCTGCAACCGTGAGCTCTGCCCTGGCGGTGG
CGGGTGGGTCTGGTCCAGTGTTCGGTAACCTGTGGCAACGGCACCCAGGAACGGCCAGTGTCTGTCTGTC
GCATGCAGATGATAATTTGGTGTCTGCCGGGAGGAGCGACCGGAGACGGCAAGGATCTGCAGGCTTGC
ACCCTGTCCCCGAAACGGCTCAGATCCCTCCAAGAAGAGCTACGTGGTTCACTGGCTGTCCCGCCTGAT
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CCGAACCTCAGCAACACAGAGGACGGAGGTGTGGAGCCTCCTCCCGGGAAGCAATGACATCGATGTG
TTCATGCCACACTCCCGGGGCCACTGTAGCTACACAGGTGCAGCCTTCTCCGGGGCCTCCTTTGGAGG
CTCCCCTCAATGTCTTAGCACCAATGCCACTGAAGATCACCCAGAAACCAATGCTGTGGATGTCCCCTA
CAAAATCCATGGTGTGGATGAAGAGTCCCGTCTCCTAACCTGATCCCTCGACGGCCAAGCCTGTATGTA
AAGACAAGGAACCAAGAATCCAGGAGCTCATTATGCAGTGCAGAGGAAGAGAAGCCGGGAAGTTCT
AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_175643

Insert Size:

3642 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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_175643.3, NP_783574.1</u>
RefSeq Size:	7265 bp
RefSeq ORF:	3642 bp
Locus ID:	216725
UniProt ID:	<u>Q8C9W3</u>
Cytogenetics:	11 B1.3
Gene Summary:	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin repeats) family of proteinases that is involved in the proteolytic processing of procollagens. The encoded protein precursor is proteolytically processed to generate a mature, zinc-dependent enzyme. Mice lacking the encoded protein develop abnormal lungs, fragile skin and male sterility. [provided by RefSeq, Aug 2015]