

Product datasheet for **SC123719**

THSD4 (BC008840) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THSD4 (BC008840) Human Untagged Clone
Tag:	Tag Free
Symbol:	THSD4
Synonyms:	ADAMTSL-6; ADAMTSL6; FVS9334; PRO34005
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for BC008840 edited

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GTGAGGAGGGCTGTGTTTGCTTCCCCTTCTGCGATGATTCTAAGTTTTCTGAGGCCTCCC
CAGCCATGCTGAAGTACGATTGGCTGTGATGACTACTTAGGCTCCGACAAAGTCGTGGAC
AAATGTGGGGTGTGTGGAGGAGACAACACGGGCTGTCAGGTTGTGTCGGGCGTGTAAAG
CATGCCCTCACCAGCCTGGGCTACCACCGCTCGTGGAGATCCCGAGGGAGCCACGAAA
ATCAACATCACGGAGATGTACAAGAGCAACAATATTTGGCCCTGAGAAGTCGTTCTGGA
CGCTCCATCATCAATGGGAAGTGGGCAATTGATCGACCAGGAAAAACGAGGGCGGAGGG
ACCATGTTTCACTACAAGCGTCCAAATGAGATTTGAGCACTGCCGGAGAGTCCTTTTTG
GCGGAAGGTCCCACCAACGAGATCTTGGATGTCTACATGATACACCAGCAGCCAAACCCA
GGCGTGCACTACGAGTACGTGATCATGGGGACCAACGCCATCAGCCCCAGGTGCCACCC
CACAGGAGACCAGGGGAACCTTCAATGGCCAGATGGTGACAGAAGCAGGAGCCAGGAG
GAGGGAGAACAGAAAGGAGGAACGAGGAGAAGGAAGACTTGGTGAGGGAGGCCCTGAG
ATGTTTACCTCAGAATCGGCACAGACCTTCCAGTCAGGCATCCAGACAGATTTTCTCCC
CATCGACCGGACAACTTGGTGCCACCAGCACCGCAGCCCCACGGCGCAGCCGGGATCAC
AACTGGAAGCAGCTTGGGACAACAGAATGTTCCACGACCTGTGGGAAAGGATCGCAGTAC
CCTATTTTCCGCTGTGTGCACAGAAGCACTCATGAAGAGGCTCCTGAGAGTTACTGTGAC
TCCAGCATGAAGCCGACCCCGAGGAGGAGCCCTGCAACATCTTCCCTTGCCAGCCTTC
TGGGACATCGGGGAGTGGTCTGAGTGCAGCAAGACCTGTGGCCTGGGCATGCAGACCCG
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CAGCACCTGGAGAAACCTGAGACCACAGCACCTGCCAACTCAAGATCTGCAGCGAGTGG
CAGATCCGGACCGACTGGACCTCGTGCTCGGTGCCCTGCGGCGTGGGACAGAGGACCCGT
GATGTGAAGTGTGTGAGCAACATTGGGGATGTGTTGACGATGAGGAATGCAACATGAAG
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GTGTGCATGACCAACCATGTGAGCAGCCTGCCCTGGAGGGCTGTGGGAACAACCGGCCG
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TCAAAAACACCCCAATGTCCGTCAGCAGGTGAACGGACAAACCATGGTGCATCCACACA
GCGGAACAAAAAAGTCCAGCCACAAAAATATGGATGAACCTCCGGTGCCTTTGCTAAGTA
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GTGCAATCTGACCGTAGAGGGGAGCATGGGAATTTTTGTCTGCAATGAAAAATTTTCTG
TGTCTTGTGTCGGTAGGAGATACAACTGTATGAATTTGTCAAACTGATAGATGTGT
ATACCACAAAAAGGACATTTTTAGATGCAATTTAGAAAATATGAAGTAAATGGTTACT
ATAATAGCAAAGACTGATGGAAGCTAGACTTCTTTGAATGTACCTTGTGTTTACAAATTTG
AGTTTGGAACTAAGTAAATATTTTAGATAATCATAAAAGAAAATTAAGTTTTAAAAAGC
AATCCCCCAGAACTGAAAATACAATGAAACAAATTAATGTAAATATGTTTCTAGTTGGTG
GCATCAGCACTATTGCAAGTGACTTGAATACATAGTAATTTGACATTCTATCCCTAAAAA
AAATTACTGCAGAAGAATGTTCACTGTTTGCAATTATCCTATTTTGGTGATAGTGTT
GTGCTGGATATGATGATTGGGCATATAATGTGTGAGAAGGTAATGAGTAATTAGATGAT
AGTATAATTCTGTTAGCCCCAATATCCTTGAGAAGTAGGATGTTCAAACTTAGGAGAAAG
TAGATACAGATACAAGATAGATATTGTATGGCTTAAGTCCGCAATAAAAAGCCTGTTGTC
CTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC008840 unedited <pre> NNAGAGTTCGCATTTGTATACGACTCCTATAGGGCGGCCGCAATTTCGCACGAGGGTGAG GAGGGCTGTGTTTGCTTCCCCTTCTGCGATGATTCTAAGTTTTCTGAGGCCTCCCAGCC ATGCTGAAGTACGATTGGCTGTGATGACTACTTAGGCTCCGACAAAGTCGTGGACAAATG TGGGGTGTGTGGAGGAGACAACACGGGCTGTCAGGTTGTGTCGGGCGTGTTAAGCATGC CCTCACCAGCCTGGGCTACCACCGCTCGTGGAGATTTCCGAGGGAGCCACGAAAATCAA CATCACGGAGATGTACAAGAGCAACAATTTGGCCCTGAGAAGTCGTTCTGGACGCTC CATCATCAATGGGAACCTGGGCAATTGATCGACCAGGAAAATACGAGGGCGGAGGGACCAT GTTCACTACAAGCGTCCAAATGAGATTTGAGCACTGCCGAGAGTCCTTTTGGCGGA AGGTCCCACCAACGAGATCTTGGATGTCTACATGATACACCAGCAGCCAAACCCAGGCGT GCACTACGAGTACGTGATCATGGGGACCAACGCCATCAGCCCCATGTGCCACCCACAG GAGACCAGGGGAACCTTCAATGGCCAGATGGTGACAGAAGGCAGGAGCCAGGATGAGGG AGAACAGAAAGGGAGGAACGAGGAGAATGAAGACTTGCGTGGGGAGGCCCTGAGATGTT CACCTCAGAATCGGCACAGACCTTCCAGTCAAGCATCCAGACAGATTTTCTCCCATCG ACCGGACAACCTTGGTGCCACCAGCACCGCAGCCCCACGGCGCAGCCGGGATCACAACCTG GGAGCAGCTTGGGACAACAGGAATGTCCACGACCTGTGGGAAAGGATCGCAGTACCCTAT TTCCGCTGTG </pre>
Restriction Sites:	Please inquire
ACCN:	BC008840
Insert Size:	2703 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.
RefSeq:	BC008840.2
RefSeq Size:	2694 bp
Locus ID:	79875
Cytogenetics:	15q23
Gene Summary:	Promotes FBN1 matrix assembly. Attenuates TGFB signaling, possibly by accelerating the sequestration of large latent complexes of TGFB or active TGFB by FBN1 microfibril assembly, thereby negatively regulating the expression of TGFB regulatory targets, such as POSTN (By similarity).[UniProtKB/Swiss-Prot Function]