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Product datasheet for SC337133

THSD4 (NM_001286429) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THSD4 (NM_001286429) Human Untagged Clone
Tag:	Tag Free
Symbol:	THSD4
Synonyms:	ADAMTSL-6; ADAMTSL6; FVSY9334; PRO34005
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>SC337133 representing NM_001286429.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTTGTCAGCTACCTGATATTAACATTGCTCCACGTTCAAACAGCAGTGTTAGCAAGACCTGGGGGA
GAGAGCATTGGCTGTGATGACTACTTAGGCTCCGACAAAGTCGTGGACAAATGTGGGGTGTGTGGAGGA
GACAACACGGGCTGTCAGGTTGTGTCGGGCGTGTTTAAGCATGCCCTCACCAGCCTGGGCTACCACCGC
GTCGTGGAGATTCCCGAGGGAGCCACGAAAATCAACATCACGGAGATGTACAAGAGCAACAACTATTTG
GCCCTGAGAAGTCGTTCTGGACGCTCCATCATCAATGGGAACTGGGCAATTGATCGACCAGGAAAATAC
GAGGGCGGAGGGACCATGTTCACCTACAAGCGTCCAAATGAGATTTCGAGCACTGCCGGAGAGTCCTTT
TTGGCGGAAGGTCCCACCAACGAGATCTTGGATGTCTACATGATACACCAGCAGCCAAACCCAGGCGTG
CACTACGAGTACGTGATCATGGGGACCAACGCCATCAGCCCCCAGGTGCCACCCCACAGGAGACCAGGG
GAACCCTTCAATGGCCAGATGGTGACAGAAGGCAGGAGCCAGGAGGAGGGAGAACAGAAAGGGAGGAAC
GAGGAGAAGGAAGACTTGCGTGGGGAGGCCCCTGAGATGTTCACCTCAGAATCGGCACAGACCTTCCCA
GTCAGGCATCCAGACAGATTTTCTCCCCATCGACCGGACAACTTGGTGCCACCAGCACCGCAGCCCCCA
CGGCGCAGCCGGGATCACAACTGGAAGCAGCTTGGGACAACAGAATGTTCCACGACCTGTGGGAAAGGA
TCGCAGTACCCTATTTTCCGCTGTGTGCACAGAAGCACTCATGAAGAGGCTCCTGAGAGTTACTGTGAC
TCCAGCATGAAGCCGACCCCCGAGGAGGAGCCCTGCAACATCTTCCCTTGCCCAGCCTTCTGGGACATC
GGGGAGTGGTCTGAGTGCAGCAAGACCTGTGGCCTGGGCATGCAGCACCGCCAGGTTCTGTGCCGCCAG
GTGTACGCCAACCGCAGCCTGACGGTGCAGCCCTACCGCTGCCAGCACCTGGAGAAACCTGAGACCACC
AGCACCTGCCAACTCAAGATCTGCAGCGAGTGGCAGATCCGGACCGACTGGACCTCGTGCTCGGTGCCC
TGCGGCGTGGGACAGAGGACCCGTGATGTGAAGTGTGTGAGCAACATTGGGGATGTGGTTGACGATGAG
GAATGCAACATGAAGCTCCGGCCGAATGACATTGAGAACTGCGACATGGGACCCTGTGCCAAGAGCTGG
TTCCTCACCGAGTGGAGCGAAAGGTGCTCAGCGGAGTGTGGGGCCGGAGTGCGGACACGCTCGGTGGTG
TGCATGACCAACCATGTCAGCAGCCTGCCCCTGGAGGGCTGTGGGAACAACCGGCCGGCAGAGGCCACC
CCATGTGACAACGGACCCTGCACGGGCAAGGTGGAGTGGTTTGCCGGGAGCTGGAGTCAGTGTTCCATC
GAGTGTGGGAGCGGGACGCAACAGAGGGAGGTGATTTGTGTTAGAAAGAATGCAGACACCTTTGAAGTG
TTGGACCCCTCTGAATGTTCTTTCCTGGAGAAACCCCCCAGCCAGCAATCCTGCCACCTCAAGCCTTGC
GGAGCCAAATGGTTTAGCACCGAATGGAGCATGTGTTCCAAGAGCTGCCAGGGTGGCTTTCGGGTCCGG
GAAGTGCGGTGTCTGTCTGATGACATGACTCTAAGTAACCTCTGTGACCCTCAGTTGAAACCAGAAGAG
AGAGAATCTTGTAACCCTCAGGACTGTGTCCCTGAAGTTGATGAAAACTGCAAGGACAAGTACTACAAC
TGCAACGTGGTGGTCCAGGCAAGACTCTGTGTCTACAACTACTACAAGACCGCCTGCTGTGCCTCCTGC
ACCCGTGTGGCCAACAGGCAGACGGGCTTCCTGGGGAGCAGATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_001286429

Insert Size: 1977 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:	NM_001286429.1
RefSeq Size:	8194 bp
RefSeq ORF:	1977 bp
Locus ID:	79875
UniProt ID:	Q6ZMP0
Cytogenetics:	15q23
MW:	73.4 kDa
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] Transcript Variant: This variant (2) differs in the 5' UTR and lacks multiple 5' coding exons, compared to variant 1. It represents use of an alternate promoter and initiates translation from an alternate start codon. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.