OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC316606

THSD7A (NM_015204) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THSD7A (NM_015204) Human Untagged Clone
Tag:	Tag Free
Symbol:	THSD7A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC316606 representing NM_015204.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGCTGCAAGCCAGGCGCTGGGCGTCCGGGAGCCGGGGCGCTGCGGGGCCGCGCCGGGGCGTCCTG
CAGCTGCTGCCGCTGCCGCTGCCGCTGCCGCTGCTCCTGCTGCTGCTGCTACGCCCGGGCGCCGGCAGG
GCTGCGGCGCAGGGCGAGGCGGAGGCGCCCACCCTCTATCTGTGGAAGACTGGTCCATGGGGCCGATGT
ATGGGAGATGAATGTGGTCCCGGAGGCATCCAAACGAGGGCTGTGTGGTGTGCTCATGTGGAGGGATGG
ACTACACTGCATACTAACTGTAAGCAGGCCGAGAGACCCAATAACCAGCAGAATTGTTTCAAAGTTTGC
GATTGGCACAAAGAGTTGTACGACTGGAGACTGGGACCTTGGAATCAGTGTCAGCCCGTGATTTCAAAA
AGCCTAGAGAAACCTCTTGAGTGCATTAAGGGGGAAGAAGGTATTCAGGTGAGGGAGATAGCGTGCATC
CAGAAAGACAAAGACATTCCTGCGGAGGATATCATCTGTGAGTACTTTGAGCCCAAGCCTCTCCTGGAG
CAGGCTTGCCTCATTCCTTGCCAGCAAGATTGCATCGTGTCTGAATTTTCTGCCTGGTCCGAATGCTCC
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GGCTGTCCAAACCTGACGGAGTTCCAGGTGTGCCAATCCAGTCCATGCGAGGCCGAGGAGCTCAGGTAC
AGCCTGCATGTGGGGCCCTGGAGCACCTGCTCAATGCCCCACTCCCGACAAGTAAGACAAGCAAGGAGA
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ACCCGAGAGGTGTACTGCGTGCAGGCCAACGAAAACCTCCTCTCACAATTAAGTACCCACAAGAACAAA
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ATTCCTTGTCCAACTGAATGTGAAGTTTCACCTTGGTCAGCTTGGGGACCTTGTACTTATGAAAACTGT
AATGATCAGCAAGGGAAAAAAGGCTTCAAACTGAGGAAGCGGCGCATTACCAATGAGCCCACTGGAGGC

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TCTGGGGTAACCGGAAACTGCCCTCACTTACTGGAAGCCATTCCCTGTGAAGAGCCTGCCTGTTATGAC
TGGAAAGCAGTGAGACTGGGAAACTGCGAGCCAGATAACGGAAAGGAGTGTGGTCCAGGCACGCAAGTT
CAAGAGGTTGTGTGCATCAACAGTGATGGAGAAGAAGTTGACAGACAGCTGTGCAGAGATGCCATCTTC
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GCGCTTGGCTTGGAGAAGAACTGGCAGATGAACACGTCCTGCATGGTGGAATGCCCTGTGAACTGTCAG
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TGCCCAGTGAAGCCTTGTTATCGGTGGCAATATGGCCAGTGGTCTCCATGCCAAGTGCAGGAGGCCCAG
TGTGGAGAAGGGACCAGAACAAGGAACATTTCTTGTGTAGTAAGTGATGGGTCAGCTGATGATTTCAGC
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CAGCTGACCTGTGTGAATGGTGAGGATCTAGGCTTTGGTGGAATACAGGTCAGATCCAGACCGGTGATT
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CAGTGCTATGAATATAAATGGATGGCCAGTGCTTGGAAGGGCTCTTCCCGAACAGTGTGGTGTCAAAGG
TCAGATGGTATAAATGTAACAGGGGGCTGCTTGGTGATGAGCCAGCCTGATGCCGACAGGTCTTGTAAC
CCACCGTGTAGTCAACCCCACTCGTACTGTAGCGAGACAAAAACATGCCATTGTGAAGAAGGGTACACT
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GTAGCAGCTGGGGCATTTGTGTTACTCATCTTTATTGTCTCCATGATTTATCTAGCTTGCAAAAAGCCA
AAGAAACCCCAAAGAAGGCAAAACAACCGACTGAAACCTTTAACCTTAGCCTATGATGGAGATGCCGAC
ATGTAA
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

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Restriction Sites:	SgfI-RsrII
Plasmid Map:	
ACCN:	NM_015204
Insert Size:	4974 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_015204.2
RefSeq Size:	10607 bp
RefSeq ORF:	4974 bp
Locus ID:	221981
UniProt ID:	Q9UPZ6
Cytogenetics:	7p21.3
Protein Families:	Transmembrane
MW:	185.4 kDa
Gene Summary:	The protein encoded by this gene is found almost exclusively in endothelial cells from placenta and umbilical cord. The encoded protein appears to interact with alpha(V)beta(3) integrin and paxillin to inhibit endothelial cell migration and tube formation. This protein may be involved in cytoskeletal organization. Variations in this gene may be associated with low bone mineral density in osteoporosis. [provided by RefSeq, Aug 2010]

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