

Specifications:

Gene:	hTHSD7A
Accession:	NP_056019
Insert size:	4894bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

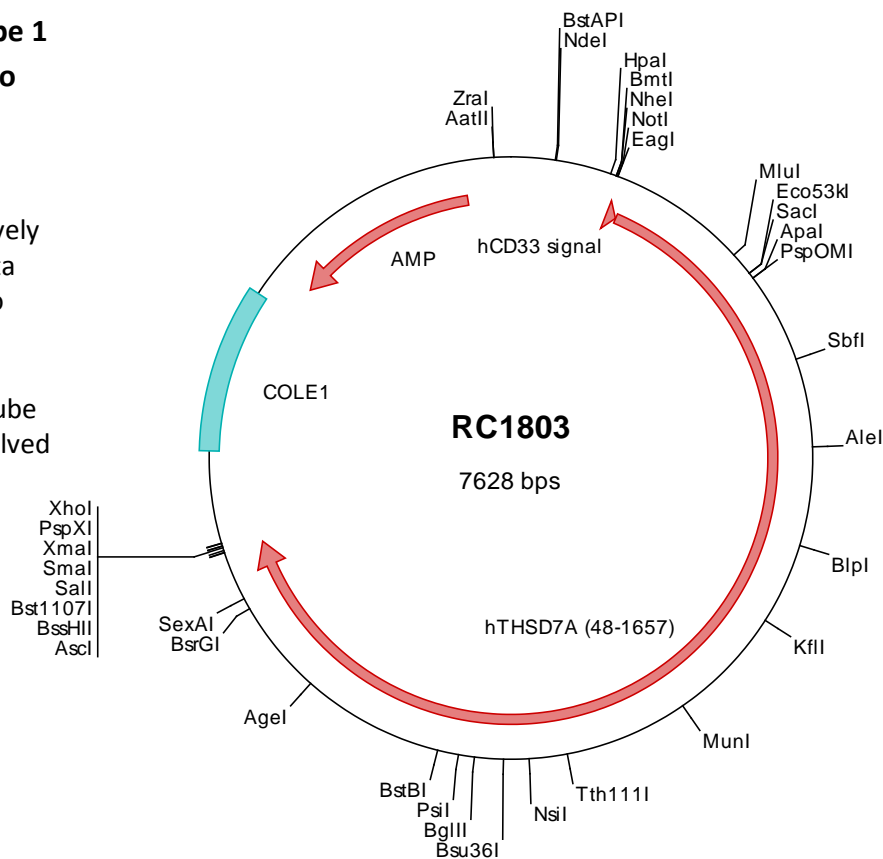
hTHSD7A cDNA Plasmid

THSD7A thrombospondin type 1 domain containing 7A [Homo sapiens(human)]

Summary:

THSD7A is found almost exclusively in endothelial cells from placenta and umbilical cord. It appears to interact with alpha(V)beta(3) integrin and paxillin to inhibit endothelial cell migration and tube formation. THSD7A may be involved in cytoskeletal organization.

***NOTE:** This construct has a heterologous signal peptide.



> RDC1803 Translated Insert Sequence

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1  mp11111p11  wagalaaaag eaeaptlylw ktgpwgrcmg decgpggiqt ravwcahveg wttlhtnckq aerpnnqqnc fkvcldwhkel ydwr1gpnwq
101  cqpvisksle  kplecikgee giqvreiaci qkdkdipaed iiceyfepkp lleqaclipc qqdcivsefs awsecsktcg sglqhrtrhv vappqfggsg
201  cpnltefvqc  qsspceaeel rylshvgpws tcsmphsrqv rqarrrgknk erekdrskgv kdpearelik kkrnrnrqnr genkywdiqi gyqtrevmci
301  nktgkaadls  fcqqeklpmt fgscvitkec qvsewsewsp csktchdmvs pagtrvrtrt irqfpigsek ecpefeekep clsqgdgvvp catygwrtte
401  wtecrvdpl1  sqgdkrrgnq talcgggiqt revyvcvane nllsqlisthk nkeaskpmdl klctgpipt tqlchipcpt ecevspwsaw gpctyencnd
501  qggkkgfklr  krritneptg gsgvtgnpcph lleaipceep acydwkavrl gncepdngke cgpptqvgev vcinsdgeev drqlcrdaif pipvacdapc
601  pkdcvlstws  twsscshtcs gktteqkqir arsilayage eggircpnss alqevrscne hpctvyhwqt gpwgqciedt svssfntttt wngeascsvg
701  mqtrkvicvr  vnvqgvppkk cpeslrpetv rpcllpckkd civtpysdwt scpssckegd ssirkqsrhr viiqlpangg rdctdplyee kaceapqacq
801  syrkwthkwr  rcqlvpwsvq qdspgagqgc gpgrqarait crkqdgqgag iheclqyagp vpaltqacqi pcqddcqlts wskfsscngd cgavrtrkrt
901  lvgkskkkek  cknshlypli etqycpcdky naqpvgnwsd cilpegkvev llgmkvqgdi kecgggyryq amacydqngr lvetsrcnsh gyieeciip
1001 cpsdcklsew  snwsrckskc gsgvkvrskw lrekynggr pcpkldhvnq aqyevvpch sdcnqylwvt epwsickvtf vnmrencgeg vqtrkvrcmq
1101 ntadgpsehv  edylcdpeem plgsrvcklp cpedcvisew gpwtqcvlpc ngssfrqrsa dpirqpadeg rscpnaveke pcnlnkncyh ydynvtdwst
1201 cqlsekavcg  ngiktrmlde vrsdgksvdl kycealglek nwqmntscmv ecpvncqlsd wspwsecsqt cgltgkmirr rtvtqpfqgd grpcpslmdq
1301 skpcpvkpcy  rwqyqgwsqc qvqeaqcgqg trtrniscv sdsaddfsk vvdeefcadi eliidgnknm vleescsqpc pgdcylkdws swslcqltvc
1401 ngedlfgggi  qvrsrpviiq elenqhlcpe qmletkscyd gqcyeykwma sawkgsrvtv wcqrsdginv tggclvmsqp dadrcsnppc sqphsycset
1501 ktchceeyt  evmssnstle qctlipvvvl ptmedkrgdv ktsravhptq pssnpagrgr twflqpfqgd grlktwvygv aagafvllif ivsmiylack
1601 kpkkpqrrqn  nrlkpltlay dgdadam

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