

Thrombospondin Type-1 Domain-Containing 7A Recombinant Protein | THSD7A recombinant protein

Recombinant Human Thrombospondin Type-1 Domain-Containing Protein 7A, THSD7A

CATALOG #
AAA47143

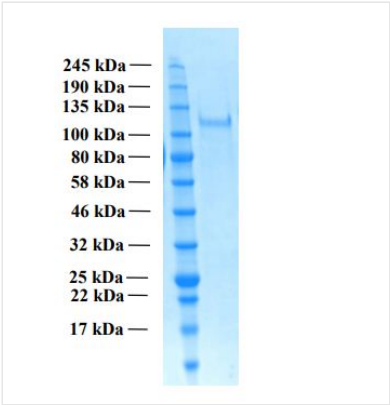
REACTIVITY
Human

PRODUCT SYNONYMS

Thrombospondin Type-1 Domain-Containing 7A; Recombinant Human Thrombospondin Type-1 Domain-Containing Protein 7A; THSD7A; Thrombospondin Type-1 Domain-Containing Protein 7A; THSD7A recombinant protein

PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	>95% as estimated by SDS-PAGE stained with Instant Blue Stain (Expedeon).
Form/Format	PBS 10% Glycerol
Sequence Positions	48-1171aa
Sequence	AAQGAEAPT LYLWKTGPWG RCMGDECGPG GIQTRAVWCA HVEGWTTLHT NCKQAERPNN QQNCFKVCWDV HKELYDWRLG PWNQCQPVIS KSLEKPLECI KGEEGIQVRE IACIQKDKDI PAEDIICEYF EPKPLLEQAC LIPCQQDCIV SEFSAWSECS KTCGSGLQHR TRHVVAPPQF GGSGCPNLTE FQVCQSSPCE AEELRYSLHV GPWSTCSMPH SRQVRQARRR GKNKEREKDR SKGVKDPEAR ELIKKKRNRN RQNRQENKYW DIQIGYQTRE VMCINKTGKA ADLSFCQQEK LPMTFQSCVI TKECQVSEWS EWSPCSKTCH DMVSPAGTRV RTRTIRQFPI GSEKECPEFE EKEPCLSQGD GVVPCATYGW RTTEWTECRV DPLLSQQDKR RGNQTALCGG GIQTREYVCV QANENLLSQL STHKNKEASK PMDLKLTGP IPNTTQLCHI PCPTECEVSP WSAWGPCTYE NCNDQQGKKG FKLRKRRTITN EPTGGSGVTG NCPHLLAIP CEEPACYDWK AVRLGNCEPD NGKECGPGTQ VQEVVCINS D GEEVDRLCLR DAIFPIPVAC DAPCPKDCVL STWSTWSSCS HTCSGKTTEG KQIRARSILA YAGEEGGIRC PNSSALQEV R SCNEHPCTVY HWQTGPWGQC IEDTSVSSFN TTTTWNGEAS CSVGMQTRKV ICVRNVGVQV GPKKCPESLR PETVRPCLLP CKKDCIVTPY SDWTSCPSSC KEGDSSIRKQ SRHRVIIQLP ANGGRDCTDP LYEEKACEAP QACQSYRWKT HKWRRCQLVP WSVQQDSPGA QEGCGPGRQA RAITCRKQDG GQAGIHECLQ YAGPVPALTQ ACQIPCQDDC QLTWSKFSS CNGDCGAVRT RKRTLVGKSK KKEKCKNSHL YPLIETQYCP CDKYNAQPVG NWSDCILPEG KVEVLLGMKV QGDIKECGQG YRYQAMACYD QNGRLVETSR CNSHG YIEEA CIIPCPSDCK LSEWSNWSRC SKSCSGSVKV RSKWLREKPY NNGRPPCKLD HVNQAQVYEV VPCHSDCNQY LWVTEPWSIC KVTFVNMREN CGEGVQTRKV RCMQNTADGP SEHVEDYLCD PEEMPLGSRV CKLPCPEDCV ISEWGS GHHH HHHHHH
Source	HEK293
Tag	10xHis at the C-terminus
Endotoxin	Less than 0.1ng/ug (1 IEU/ug), as measured by LAL method.
Amount Sent	1 x 25 ul of 4.9mg/mL by A280 absorbance = 122ug (lot specific)
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -20 degree or -80 degree C preferably in small aliquots to avoid repeated freeze-thaw cycles Ships on Dry Ice



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for THSD7A recombinant protein	THSD7A was first identified as an endothelial protein that is expressed in the vascularsystem of the placenta. It is expressed by cells of endothelial and neuronal lineage. The soluble form of THSD7A promotes endothelial cell migration and filopodia formation during angiogenesis via a FAK-dependent mechanism. This protein may be involved in cytoskeletal organization. Variations in this gene may be associated with low bone mineraldensity in osteoporosis. THSD7A is expressed on podocytes and is responsible for 2-5% of patients with idiopathicmembranous nephropathy.
References	Fresquet M., Rhoden S.J., Jowitt TA., McKenzie EA., Roberts I., Lennon R. and PE. Brenchley. Autoantigens PLA2R1 and THSD7A in Membranous Nephropathy Share a Common Epitope Motif in the N-terminal Domain. Journal of Autoimmunity. 106, pp 1-12. 2020.

NCBI AND UNIPROT INFORMATION

NCBI GI #	150170672
NCBI GeneID	221981
NCBI Accession #	NP_056019.1
NCBI GenBank Nucleotide #	NM_015204.2
UniProt Accession #	Q9UPZ6
Molecular Weight	Predicted Molecular Weight: 127.6 kDa Estimate MW SDS-PAGE: ≈ 120 kDa
NCBI Official Full Name	thrombospondin type-1 domain-containing protein 7A
NCBI Official Synonym Full Names	thrombospondin type 1 domain containing 7A
NCBI Official Symbol	THSD7A
NCBI Protein Information	thrombospondin type-1 domain-containing protein 7A
UniProt Protein Name	Thrombospondin type-1 domain-containing protein 7A
UniProt Gene Name	THSD7A
UniProt Synonym Gene Names	KIAA0960

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.