

Active Recombinant Human THSD7A Protein, His-tagged

Cat. No. THSD7A-1039H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THSD7A Protein (48-1171) was expressed in HEK 293 cells with C-terminal His tag.
Species	Human
Source	HEK293
ProteinLength	48-1171 a.a.
Form	PBS, 10% Glycerol.
Bio-activity	This protein has been used in quantitative ELISA to precipitate anti-THSD7A antibodies in patients with idiopathic membranous nephropathy (THSD7A positive). A publication is to follow shortly.
Molecular Mass	127.6 kDa
AA Sequence	AAQGEAEAPTLYLWKTGPWGRCMGDECGPGGIQTRAVWCAHVEGWTTLHTNCKQ AERPNNQQNCFKVCDDWHKELYDWRLGPWNQCQPVISKSLEKPLECIKGEEGIQVR EIACIQKDKDIPAEDIICEYFEPKPLLEQAACLIPCQQDCIVSEFSAWSECSKTCGSGLQ HRTRHVVPAPPQFGGSGCPNLTEFQVCQSSPCEAEELRYSLHVGWPWSTCSMPHSR QVRQARRRGKNKEREKDRSKGVKDPEARELIKKRNRNRQNRQENKYWDIQIGYQ TREVMCINKTGKAADLSFCQEQEKLPMTFQSCVITKECQVSEWSEWSPCSKTCHDM VSPAGTRVRTRTIRQFPIGSEKECPEFEEKEPCLSQGDGVVPCATYGWRTTEWTEC RVDPLLSQQDKRRGNQTALCGGGIQTREVVYCVQANENLLSQLSTHKNKEASKPMD

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LKLCTGPIPNNTTQLCHIPCPTECEVSPWSAWGPCTYENCNDQQGKKGFKLRKRRT
 NEPTGGSGVTGNCPHLLAIPCEEPACYDWKAVRLGNCEPDNGKECGPGTQVQEV
 VCINSDGEEVDRQLCRD
 AIFPIPVACDAPCPKDCVLSTWSTWSSCSHTCSGKTTEGKQIRARSILAYAGEEGGIR
 CPNSSALQEVRSCNEH
 PCTVYHWQTGPWGQCIEDTSVSSFNTTTTWNGEASCSVGMQTRKVICVRVNVGQV
 GPKKCPESLRPETVRP
 CLLPCKKDCIVTPYSDWTSCPSSCKEGDSSIRKQSRHRVIIQLPANGGRDCTDPLYE
 EKACEAPQACQSYRWK
 THKWRRQCQLVPWSVQQDSPGAQEGCGPGRQARAITCRKQDGGQAGIHECLQYAG
 PVPALTQACQIPCQDD
 CQLTSWSKFSSCNGDCGAVRTRKRTLVGKSKKKEKCKNSHLYPLIETQYPCDKYN
 AQPVGNWSDCILPEGK
 VEVLLGMKVQGDIKECGQGYRYQAMACYDQNGRLVETSRCNSHGYIEEACIIPCPS
 DCKLSEWSNWSRCSKSC
 GSGVKVRSKWLREKPYNGGRPCPKLDHVNQAQVYEVVPCHSDCNQYLWVTEPWS
 ICKVTFVNMRENCGEG
 VQTRKVRQMNTADGPSEHVEDYLCDPEEMPLGSRVCKLPCPEDCVISEWGS GHH
 HHHHHHHH

Endotoxin Less than 0.1 ng/g (1 IEU/g), as measured by LAL method.

Purity >95% as estimated by SDS-PAGE stained with Instant Blue Stain (Expedeon).

Storage The protein should be stored at -20 centigrade to -70 centigrade preferably in small aliquots to avoid repeated freeze-thaw cycles.

GENE INFORMATION

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

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Official Symbol	THSD7A
Synonyms	hrombospondin, type I, domain containing 7A
Gene ID	221981
mRNA Refseq	NM_015204.2
Protein Refseq	NP_056019.1
MIM	612249
UniProt ID	Q9UPZ6

