Recombinant Human THBD Protein, C-His-tagged

Cat. No. THBD-138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THBD Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	CD141/Thrombomodulin (TM, THBD, BDCA-3) is an integral membrane protein expressed on the surface of endothelial cells. Acting as a cofactor with Thrombin, CD141/Thrombomodulin activates and initiates the Protein C anticoagulant pathway. CD141/Thrombomodulin is expressed by a small subset of human CD11c+ myeloid dendritic cells. These CD141+XCR1+ dendritic cells cross-present antigens to naïve CD8+ T cells, priming them to become activated cytotoxic CD8+ T cells.
Molecular Mass	~55 kDa
AA Sequence	APAEPQPGGSQCVEHDCFALYPGPATFLNASQICDGLRGHLMTVRSSVAADVISLLL NGDGGVGRRRLWIGLQLPPGCGDPKRLGPLRGFQWVTGDNNTSYSRWARLDLNG APLCGPLCVAVSAAEATVPSEPIWEEQQCEVKADGFLCEFHFPATCRPLAVEPGAA AAAVSITYGTPFAARGADFQALPVGSSAAVAPLGLQLMCTAPPGAVQGHWAREAP GAWDCSVENGGCEHACNAIPGAPRCQCPAGAALQADGRSCTASATQSCNDLCEH FCVPNPDQPGSYSCMCETGYRLAADQHRCEDVDDCILEPSPCPQRCVNTQGGFEC HCYPNYDLVDGECVEPVDPCFRANCEYQCQPLNQTSYLCVCAEGFAPIPHEPHRC QMFCNQTACPADCDPNTQASCECPEGYILDDGFICTDIDECENGGFCSGVCHNLPG TFECICGPDSALARHIGTDCDSGKVDGGDSGSGEPPPSPTPGSTLTPPAVGLVHS

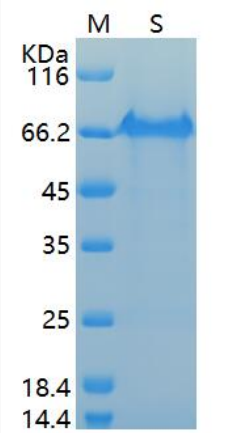
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Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name	THBD thrombomodulin [Homo sapiens (human)]
Official Symbol	THBD
Synonyms	THBD; thrombomodulin; CD141; fetomodulin; CD141 antigen; TM; THRM; AHUS6; BDCA3; THPH12;
Gene ID	7056
mRNA Refseq	NM_000361
Protein Refseq	NP_000352
MIM	188040
UniProt ID	P07204

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SDS-PAGE	 SDS-PAGE Result

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