

Recombinant Human THBD Protein, His-tagged

Cat. No. THBD-921H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of the extracellular domain(A19-S515) of human thrombomodulin(THBD)(NM_000361.3), with a polyhistidine tag, was expressed in mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	A19-S515
Description	Thrombomodulin is a specific endothelial cell receptor that forms a 1:1 stoichiometric complex with thrombin. This complex is responsible for the conversion of protein C to the activated protein C (protein Ca). Once evolved, protein Ca scissions the activated cofactors of the coagulation mechanism, factor Va and factor VIIIa, and thereby reduces the amount of thrombin generated.
Form	Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any preservatives
Molecular Mass	55 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name THBD thrombomodulin [Homo sapiens]

Official Symbol THBD

Synonyms THBD; thrombomodulin; CD141; fetomodulin; CD141 antigen; TM; THRM; AHUS6; BDCA3; THPH12;

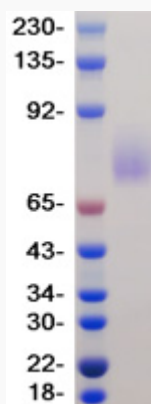
Gene ID 7056

mRNA Refseq NM_000361

Protein Refseq NP_000352

MIM 188040

UniProt ID P07204



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SDS-PAGE

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