

Recombinant Rabbit THBD Protein, His-tagged

Cat. No. THBD-424R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit THBD Protein (Ser66-Pro197) with N-His tag was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	Ser66-Pro197
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.7 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

THBD thrombomodulin [*Oryctolagus cuniculus* (rabbit)]

Official Symbol

THBD

Synonyms

THBD; thrombomodulin; TM; THRM; AHUS6; BDCA3; CD141; BDCA-3; THPH12; thrombomodulin; CD141 antigen; fetomodulin

Gene ID

100008887

mRNA Refseq

NM_001082144

Protein Refseq

NP_001075613

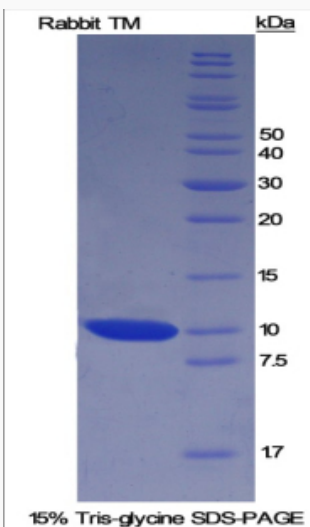
UniProt ID

Q8HZ48

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