

Thrombomodulin (TM) Protein | TM protein

Eukaryotic Thrombomodulin (TM)

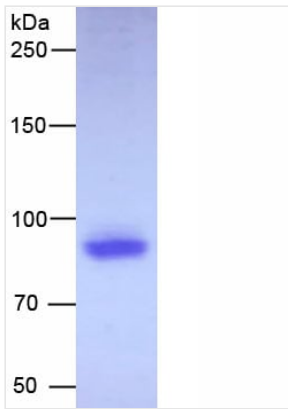
CATALOG # AAA150591	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Thrombomodulin (TM); Eukaryotic Thrombomodulin (TM); Thrombomodulin; CD141; THBD; BDCA3; THRM; Fetomodulin; TM protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ala19~Ala509
Applicable Applications for TM protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.4
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

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APAEPQPGSGQVHDCFALYPQATFLNASQICQGLRGLHNTVRSSVAADVTSLINDGGVGRRLITGLQLPFGCCDPKRLGLRG  
PQNTGNNITSYRWALDLNGAPLCPLCVASAAETVPSEPINEEQCEVADGFLCEHFPATCRPLAVEFGAAAVSTYCTP  
FAARGADFQALPVGSSAAVAPLGLQNMCTAPPGAVQGHAREAPGANDCSVENGCCHECHAIIPGAPRCQCPAGALQADGRCTASAT  
QSNOLCEHFCVPNPDQPGSYSCNCTGVRLAADQHRCEVDQDLLEPSPCPRQCVNTGGFECYYPNDLVGECVEPDPFCFRANC  
EYQCQLNQTSLVLCVCAEGFAPLPHEPHRCQPCNQITACPADCPNTQASCECEGYLDGFICTDIDECENGFGCSGVCHLPGTFE  
CICGPDALRHITGTCDSGVNDGSGSGEPFPTPGSTLTTPPA
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SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TM protein	Metabolic pathway; Hematology; Cardiovascular biology; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507483
NCBI GeneID	7056
NCBI Accession #	NP_000352.1
NCBI GenBank Nucleotide #	NM_000361.2
UniProt Accession #	P07204; Q8IV29; Q9UC32
Molecular Weight	60,329 Da
NCBI Official Full Name	thrombomodulin
NCBI Official Synonym Full Names	thrombomodulin
NCBI Official Symbol	THBD
NCBI Official Synonym Symbols	TM; THRM; AHUS6; BDCA3; CD141; THPH12
NCBI Protein Information	thrombomodulin; fetomodulin; CD141 antigen
UniProt Protein Name	Thrombomodulin
UniProt Gene Name	THBD
UniProt Synonym Gene Names	THRM; TM
UniProt Entry Name	TRBM_HUMAN

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.