antibodies

Datasheet for ABIN7319438 Thrombomodulin Protein (THBD) (His tag)



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Overview	
Quantity:	50 µg
Target:	Thrombomodulin (THBD)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thrombomodulin protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human Thrombomodulin/CD141 Protein (His Tag)
Sequence:	Ala19-Ser515
Characteristics:	Recombinant Human Thrombomodulin is produced by our Mammalian expression system and the target gene encoding Ala19-Ser515 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.
Target Details	
Target:	Thrombomodulin (THBD)
Alternative Name:	Thrombomodulin/CD141 (THBD Products)
Background:	Background: 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). Human Thrombomodulin/THBD predicts a

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Target Details

	signal peptide and a mature chain that consists of following domains: C-type lectin, EGF-like,
	transmembrane and cytoplasmic. Predominantly synthesized by vascular endothelial cells,
	THBD inhibits coagulation and fibrinolysis. THBD gene polymorphisims are associated with
	human disease and THBD plays a role in thrombosis, stroke, arteriosclerosis, and cancer. For
	example, increased serum levels of THBD, due to protease cleavage, have been associated with
	smoking, cardiac surgery, atherosclerosis, liver cirrhosis, diabetes mellitus, cerebral and
	myocardial infarction, and multiple sclerosis.
	Synonym: Thrombomodulin, THBD, TM, Fetomodulin, CD141, THRM
Molecular Weight:	52.9 kDa
UniProt:	P07204
Application Details	
Application Details Restrictions:	For Research Use only
	For Research Use only
	For Research Use only
Restrictions:	For Research Use only Frozen, Liquid
Restrictions: Handling	
Restrictions: Handling Format:	Frozen, Liquid