Recombinant Human THBD Protein, DYKDDDDK-tagged

Cat. No. THBD-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human thrombomodulin(THBD)(NM_000361) protein, with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
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 TBS buffer, pH7.259, without any preservatives.
Molecular Mass	51 kDa
Endotoxin	Endotoxin level is < 0.1 ng/ɡ of protein (<1EU /ɡ)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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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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