

Specifications:

Gene:	<i>h</i> THBD
Accession:	NP_000352
Insert size:	1741bp
Concentration:	10µg at 0.2µg/µL

**hThrombomodulin
cDNA Plasmid**

THBD thrombomodulin [Homo sapiens (human)]

Also known as: TM; THRM; AHUS6; BDCA3; CD141; THPH12

Summary:

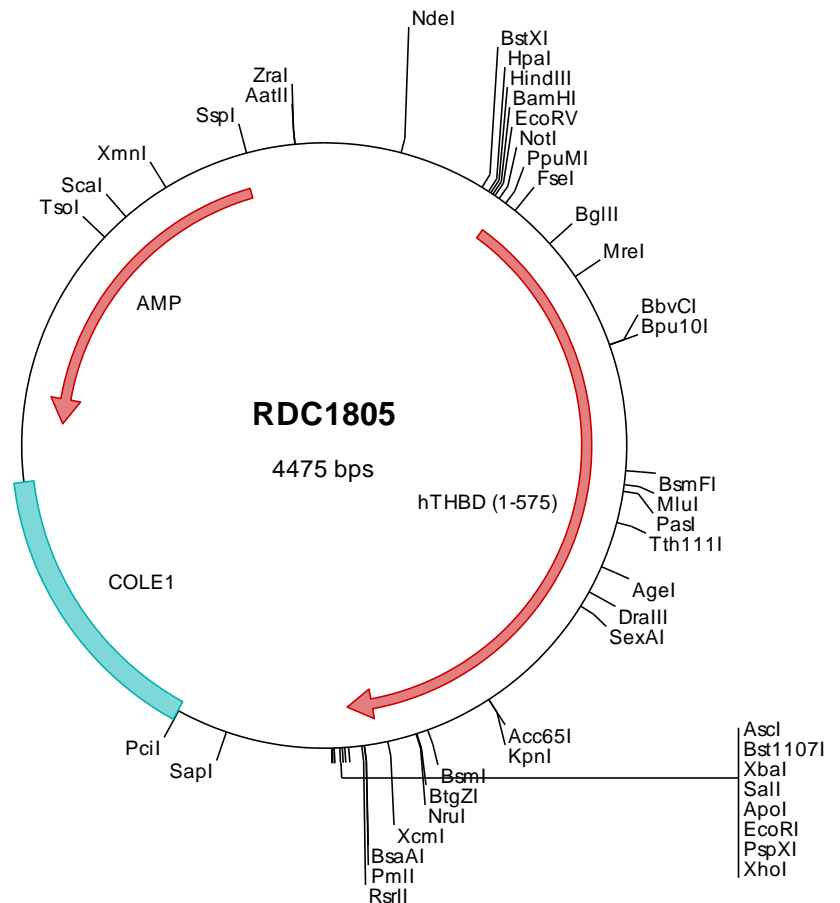
THBD is an endothelial-specific type I membrane receptor that binds thrombin. This binding results in the activation of protein C, which degrades clotting factors Va and VIIIa and reduces the amount of thrombin generated. Mutations in THBD are a cause of thromboembolic disease, also known as inherited thrombophilia.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping Ships at ambient temperature
Stability 1 year from date of receipt when stored at -20°C to -80°C
Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1805 Plasmid DNA Sequence

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> RDC1805 Translated Insert Sequence

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