

Proteoliposomes

Full-Length

THBD (Human) Recombinant Protein

Catalog # H00007056-G01

Size 2 ug

Specification

Product Description

Human THBD full-length ORF (NP_000352.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MLGVLVLGALALAGLGFPAPAEPQPGGSQCVEHDCFALYPGPATFLNASQICDGLRGHLMTVRS
SVAADVISLLLNGDGGVGRRRLWIGLQLPPGCGDPKRLGPLRGFQWVTGDNNTSYSRWARLDLN
GAPLCGPLCVAVSAAEATVPSEPWEEQQCEVKADGFLCEFHFPATCRPLAVEPGAAAAAVSIT
YGTPFAARGADFQALPVGSSAAVAPLGLQLMCTAPPGAVQGHWAREAPGAWDCSVENGCE
HACNAIPGAPRCQCPAGAALQADGRSCTASATQSCNDLCEHFCVPNPDQPGSYSCMCETGYRL
AADQHRCEDVDDCILEPSPCPQRCVNTQGGFECHCYPNYDLVDGECVEPVDPCFRANCEYQC
QPLNQTSYLCVCAEGFAPIHEPHRCQMFCNQATACPADCDPNTQASCECEGYLDDGFICTDID
ECENGGFCSGVCHNLPGTFCICGPDSALARHIGTDCDSGKVDGGDSGSGEPPPSPTPGSTLT
PPAVGLVHSGLLIGISIASLCLVALLALLCHLRKKQGAARAKMEYKCAAPSKEVVLQHVRTERTP
QRL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.3

Interspecies Antigen Sequence

Mouse (67); Rat (65)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — THBD

Entrez GeneID [7056](#)

GeneBank Accession# [NM_000361.2](#)

Protein Accession# [NP_000352.1](#)

Gene Name THBD

Gene Alias CD141, THRM, TM

Gene Description thrombomodulin

Omim ID [188040](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this intronless gene 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 this gene are a cause of thromboembolic disease, also known as inherited thrombophilia. [provided by RefSeq]

Other Designations CD141 antigen|OTTHUMP00000030415|fetomodulin

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Abruptio Placentae](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Anemia](#)

- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Blood Coagulation Disorders](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Death](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)

- [Glomerulonephritis](#)
- [Hematologic Diseases](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Varicose Veins](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)