

Recombinant Human CD141 Protein

Catalog #	Source	Reactivity	Applications
CRP2600	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD141 Protein is produced by mammalian expression system and the target gene encoding Ala19-Ser515 is expressed		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH8.0.		
Gene Symbol	THBD		
Alternative Names	THRM; Thrombomodulin; TM; Fetomodulin; CD141		
Entrez Gene	7056 (Human)		
SwissProt	P07204 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>APAEPQPGGS QCVEHDCFAL YPGPATFLNA SQICDGLRGH LMTVRSSVAA DVISLLLNGD GGVGRRLWI GLQLPPGCGD PKRLGPLRGF QWVTGDNNTS YSRWARLDLN GAPLCGPLCV AVSAAEATVP SEPIWEEQQC EVKADGFLCE FHPATCRPL AVEPGAAAAA VSITYGTPFA ARGADFAQLP VGSSAAVAPL GLQLMCTAPP GAVQGHWARE APGAWDCSVE NGGCEHACNA IPGAPRCQCP AGAALQADGR SCTASATQSC NDLCHEFCVP NPDQPGSYSC MCETGYRLAA DQHRCEDVDD CILEPSPCPQ RCVNTQGGFE CHCYPNYDLV DGECVEPVDP CFRANCEYQC QPLNQTSYLC VCAEGFAPIP HEPHRCQMFC NQTACPADCD PNTQASCECP EGYILDDGFI CTDIDECENG GFCSGVCHNL PGTFECICGP DSALARHIGT DCDSGKVDGG DSGSGEPPPS PTPGSTLTPP AVGLVSHHH HHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Please minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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