

Product datasheet for **RC207598L4V**

Thrombomodulin (THBD) (NM_000361) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Thrombomodulin (THBD) (NM_000361) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Thrombomodulin
Synonyms:	AHUS6; BDCA-3; BDCA3; CD141; THPH12; THRM; TM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000361
ORF Size:	1725 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207598).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000361.2
RefSeq Size:	4048 bp
RefSeq ORF:	1728 bp
Locus ID:	7056
UniProt ID:	P07204
Cytogenetics:	20p11.21
Domains:	CLECT, EGF
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Complement and coagulation cascades

MW: 60.4 kDa

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, Jul 2008]