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YB90529Rb01

Thrombomodulin (TM)

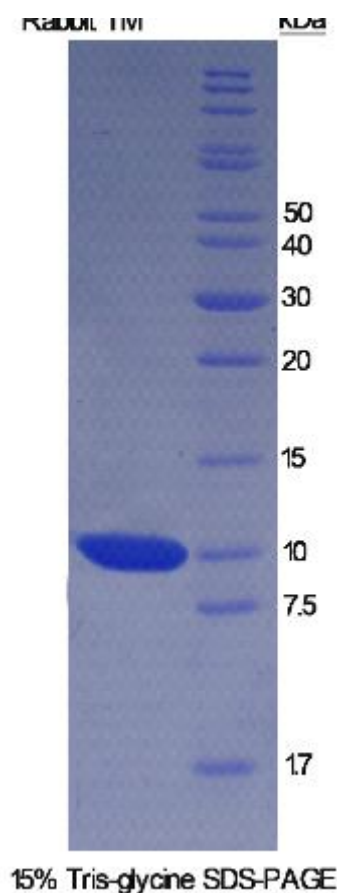
Organism: *Oryctolagus cuniculus* (Rabbit)

*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

3th Edition (Revised in February, 2012)



## [ DESCRIPTION ]

**Protein Names:** Thrombomodulin

**Gene Names:** Thbd

**Size:** 100 $\mu$ g

**Source:** Recombinant

**Expression Host:** *E. coli*

## [ PROPERTIES ]

**Residues:** Ser66-Pro197 (Accession # Q8HZ48), with a N-terminal His-tag.

**Grade & Purity:** >97%, 10.7 kDa as determined by SDS-PAGE reducing conditions.

**Form & Buffer:** Supplied as lyophilized form in PBS, pH 7.4.

**Endotoxin Level:** <1.0 EU per 1 $\mu$ g (determined by the LAL method).

**Applications:** SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted Molecular Mass:** 10.7 kDa

## [ PREPARATION ]

Reconstitute in PBS.



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## [ STORAGE AND STABILITY ]

**Storage:** Store at 4°C for short time storage (1-2 weeks). Aliquot and store at -20°C or -80°C for long term storage. Avoid repeated freeze/thaw cycles.

**Valid period:** 12 months stored at -80°C.

## [ BACKGROUND ]

The target protein is fused with a His-tag and its sequence is listed below. The first Met is an initiator amino acid. Moreover, Gly and Ser are added to improve the flexibility of N-terminus at both ends of the His-tag, which will increase the chelating ability of the tag to Ni-Sepharose during purification.

MGHHHHHSGSEF-SSVAADVISSDDSRWIGTGC SHGDRRGWVTGDNRTSYSRWARDGGGAVCGCVTVSAA

SAAAGAWCGTVDGCAASCRVAGAAATAHVSSTYSTP