# Rat Thrombomodulin / THBD (His Tag) recombinant protein

Catalog Number: 502081



## **General Information**

## Gene Name Synonym

Thrombomodulin

## **Protein Construction**

A DNA sequence encoding the rat THBD (O35370) (Met1-Ser517) was expressed with a polyhistidine tag at the C-terminus.

## **Organism**

Rat

## **Expression Host**

**Human Cells** 

## **QC Testing**

## **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### **Predicted N terminal**

Ile 17

## **Molecular Mass**

The recombinant rat THBD comprises 512 amino

acids and predicts a molecular mass of 55.2 kDa. The apparent molecular mass of the recombinant protein is approximately 95 kDa in SDS-PAGE under reducing conditions due to glycosylation.

## **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

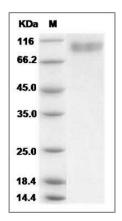
## **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Rat Thrombomodulin / THBD Protein (His Tag) SDS-PAGE