

# Human Inhibin beta B/INHBB (His Tag) recombinant protein



Catalog Number: 501179

## General Information

### Gene Name Synonym

Activin beta-B chain

### Protein Construction

A DNA sequence encoding the pro form of human INHBB (NP\_002184.2) (Met 1-Ala 407) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized human INHBB-His (Cat: 501179) at 10 µg/ml (100 µl/well) can bind biotinylated mouse FLRG-His (Cat: 10591-M08H) with a linear range of 0.031-0.125 µg/ml.

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg 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

Ser 29

## Molecular Mass

The secreted pro form of human INHBB comprises 390 amino acids with a predicted molecular mass of 43.7 kDa. As a result of glycosylation, the apparent molecular mass of rhINHBB is approximately 17, 42 and 55 kDa in SDS-PAGE under reducing conditions, corresponding to the mature form, pro peptide and pro form respectively.

## 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

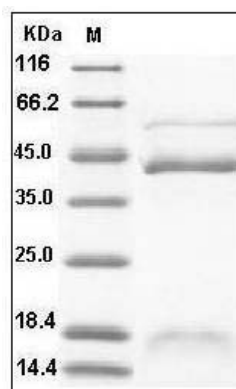
### Storage

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



Human Inhibin beta B / INHBB / Activin B Protein  
(His Tag) SDS-PAGE