

## Active Recombinant Human INHBB protein, His-tagged

Cat. No. INHBB-2261H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human INHBB protein(NP_002184.2) (Met 1-Ala 407) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-407 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized human INHBB-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse FLRG-His with a linear range of 0.031-0.125 µg/ml.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** INHBB inhibin, beta B [ Homo sapiens ]

**Official Symbol** INHBB

**Synonyms** INHBB; inhibin, beta B; inhibin, beta B (activin AB beta polypeptide); inhibin beta B chain; Inhibin, beta-2; activin beta-B chain; activin AB beta polypeptide; MGC157939;

**Gene ID** 3625

**mRNA Refseq** NM\_002193

**Protein Refseq** NP\_002184

**MIM** 147390

**UniProt ID** P09529

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