

Active Recombinant Human INHBB protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-407 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	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.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	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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