

Recombinant Human Inhibin beta E/INHBE Protein

Catalog No.: RP03275 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	83729	P58166

Tags

N-hFc

Synonyms

Inhibin beta E chain; Activin beta-E chain; Inhibin beta E; INHBE

Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

Calculated MW	Observed MW
40.9 kDa	40-45 kDa

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

The INHBE protein is an important molecular switch that coordinates the inhibin and activin systems to regulate pituitary follicle-stimulating hormone secretion. Its critical role extends to multiple physiological functions, including hormone secretion, cell development, insulin release, and bone growth.

Basic Information

Description

Recombinant Human Inhibin beta E/INHBE Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr237-Ser350) of human Inhibin beta E/INHBE (Accession #NP_113667.1) fused with hFc tag at the N-terminus.

Bio-Activity

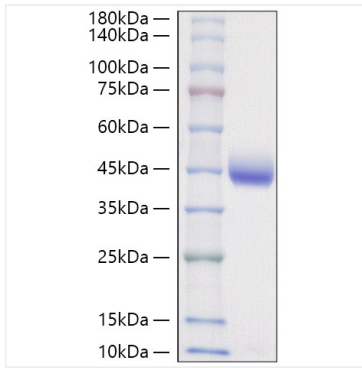
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Inhibin beta E/INHBE Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 40-45 kDa.