Recombinant Human Inhibin beta E/INHBE Protein

Catalog No.: RP03275

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Sequence Information

Species	Gene ID
Human	83729
Swiss Prot	**Tags**
P58166	N-hFC

Synonyms

INHBE,Inhibin beta E chain, Activin beta-E chain

Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE.
Calculated MW	**Observed MW**
39.39 kDa	40-50 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20℃

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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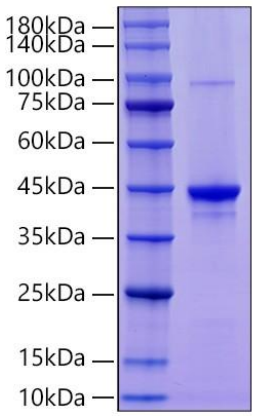
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Inhibin beta E/INHBE Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.