

Recombinant Human INHBE protein, His-tagged

Cat. No. INHBE-797H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHBE aa. (Thr237~Ser350) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr237~Ser350
Description	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate an inhibin beta subunit. Inhibins have been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. This gene may be upregulated under conditions of endoplasmic reticulum stress, and this protein may inhibit cellular proliferation and growth in pancreas and liver.
Form	Freeze-dried powder
Molecular Mass	17&18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Characteristic	The isoelectric point is 6.2.
Applications	Positive Control; Immunogen; SDS-PAGE; WB
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	INHBE inhibin beta E subunit [Homo sapiens (human)]
Official Symbol	INHBE
Synonyms	INHBE; inhibin beta E subunit; inhibin beta E chain; activin beta-E chain
Gene ID	83729
mRNA Refseq	NM_031479.4
Protein Refseq	NP_113667.1

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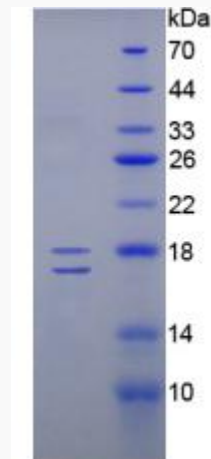
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UniProt ID

P58166

SDS-PAGE



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