

# Recombinant Human Inhibin $\beta$ C Chain/INHBC Protein (aa 237-352, His Tag)

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by Elabscience

Catalog Number:PKSH032587

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

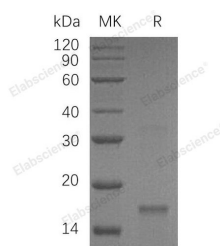
## Description

<b>Synonyms</b>	Inhibin Beta C Chain;Activin Beta-C Chain;INHBC
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Gly237-Ser352
<b>Accession</b>	P55103
<b>Calculated Molecular Weight</b>	14.8 kDa
<b>Observed molecular weight</b>	16 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of 4mM HCl, 1mM DTT. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion; gonadal hormone secretion; germ cell development and maturation; erythroid differentiation; insulin secretion; nerve cell survival; embryonic axial development or bone growth; depending on their subunit composition. Inhibins appear to oppose the functions of activins;Inhibins and activins inhibit and activate; respectively; the secretion of follitropin by the pituitary gland.

## For Research Use Only

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