

## Recombinant Human Inhibin $\beta$ C Chain/INHBC Protein (aa 19-352, His Tag)

Catalog Number: PKSH032586

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

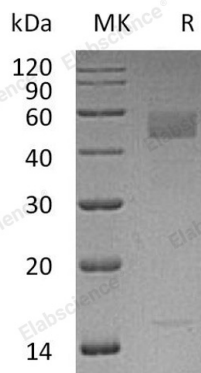
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human Inhibin $\beta$ C Chain;INHBC protein Thr19-Ser352, with an C-terminal His
<b>Calculated MW</b>	37.5 kDa
<b>Observed MW</b>	42-58&32-40&14-17 kDa
<b>Accession</b>	P55103
<b>Bio-activity</b>	Not validated for activity

### 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 PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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

Inhibin beta C chain; also known as activin beta-C chain and INHBC; belongs to the TGF-beta family. INHBC forms a homodimeric or heterodimeric through association with alpha and beta subunits; linked by one or more disulfide bonds. Inhibins are heterodimers of one alpha and one beta subunit. Activins are homo- or heterodimers of beta subunits only. Inhibins/activins regulates many physiological processes; 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 and so on.

### For Research Use Only

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