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Datasheet for ABIN7318618  
**INHBC Protein (AA 237-352) (His tag)**

### Overview

Quantity:	50 µg
Target:	INHBC
Protein Characteristics:	AA 237-352
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This INHBC protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Inhibin β C Chain/INHBC Protein (aa 237-352, His Tag)(Active)
Sequence:	Gly237-Ser352
Characteristics:	Recombinant Human Inhibin beta C Chain is produced by our E.coli expression system and the target gene encoding Gly237-Ser352 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human INHBC-His at 0.8µg/ml(100 µl/well) can bind Human ACVR2A-Fc(Cat: PKSH032039). The ED50 of Human INHBC-His is 6.73 ug/ml .

## Target Details

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Target:	INHBC
Alternative Name:	Inhibin beta C Chain/INHBC ( <a href="#">INHBC Products</a> )
Background:	<p>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.</p> <p>Synonym: Inhibin Beta C Chain, Activin Beta-C Chain, INHBC</p>
Molecular Weight:	14.8 kDa
UniProt:	<a href="#">P55103</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Hormone Activity</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 4 mM HCl, 1 mM DTT.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	<p>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 &lt; -20°C for 3 months.</p>