

---

## Product Data Sheet

---

Product Name: INHBC Human  
 Cat. No.: GP21271  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Inhibin Beta C; Actv Beta-C Chain; IHBC; Inhibin Beta C Chain.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSGIDCQGG SRMCCRQEFF VDFREIGWHD WIIQPEGYAM NFCIGQCPLH IAGMPGIAAS FHTAVLNLLK ANTAAGTTGG GSCCVPTARR PLSLLYYDRD SNIVKTDIPD MVVEACGCS		
Formulation	The INHBC solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

### Introduction

INHBC, the beta C chain of inhibin, belongs to the TGF-beta superfamily. INHBC formulates heterodimers with beta A and beta B subunits. Other members of the TGF-beta superfamily are Actv's and Inhibins, hormones with contradictory roles which take part in pituitary, hypothalamic, and gonadal hormone secretion, as well as differentiation and growth of numerous cell types.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

INHBC Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 139 amino acids (237-352) and having a molecular mass of 14.9kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---