Recombinant Human INHBC, His-tagged

Cat. No. INHBC-15867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human INHBC protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	237-352aa
Description	INHBC is the beta C chain of inhibin, a member of the TGF-beta superfamily. This subunit forms heterodimers with beta A and beta B subunits. Inhibins and activins, also members of the TGF-beta superfamily, are hormones with opposing actions and are involved in hypothalamic, pituitary, and gonadal hormone secretion, as well as growth and differentiation of various cell types.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	14.9 kDa (139aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSGIDCQGG SRMCCRQEFF VDFREIGWHD WIIQPEGYAM NFCIGQCPLH IAGMPGIAAS FHTAVLNLLK ANTAAGTTGG GSCCVPTARR PLSLLYYDRD SNIVKTDIPD MVVEACGCS
Purity	>85% by SDS - PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	INHBC inhibin, beta C [Homo sapiens]
Official Symbol	INHBC
Synonyms	INHBC; inhibin, beta C; inhibin beta C chain; activin beta-C chain; IHBC;
Gene ID	3626
mRNA Refseq	NM_005538
Protein Refseq	NP_005529
MIM	601233
UniProt ID	P55103
Chromosome Location	12q13
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Glycoprotein hormones, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Peptide hormone

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	biosynthesis, organism-specific biosystem; TGF-beta signaling pathway, organism-specific biosystem;
Function	growth factor activity; hormone activity; transforming growth factor beta receptor binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA