

Active Recombinant Human INHBA&INHBC

Cat. No. INHBA&INHBC-737H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHBA&INHBC (Accession # NP_002183 (beta A) & NP_005529 (beta C)) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Gly311 (beta A subunit) & Gly237 (beta C subunit)
Form	Lyophilized from a 0.2 µ filtered solution in HCl with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. In a 100 µ reaction mixture containing rhActivin AC at 2 nM and rhActivin RIIB/Fc Chimera dilutions at 0.02 - 41 nM, the concentration of rhActivin RIIB/Fc Chimera that produces 50% of the optimal binding response is found to be approximately 0.8 - 4 nM.
Molecular Mass	Recombinant Human INHBA&INHBC has a calculated MW of 12.9 kDa (beta A subunit), 12.5 kDa (beta C subunit). In SDS-PAGE migrates as 23 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

Reconstitution

Reconstitute at 100 µg/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

INHBA inhibin, beta A [Homo sapiens]

Official Symbol

INHBA

Synonyms

INHBA; inhibin, beta A; inhibin, beta A (activin A, activin AB alpha polypeptide); inhibin beta A chain; Inhibin, beta-1; activin beta-A chain; FSH-releasing protein; erythroid differentiation factor; erythroid differentiation protein; follicle-stimulating hormone-releasing protein; EDF; FRP;

Gene ID

3624

mRNA Refseq

NM_002192

Protein Refseq

NP_002183

MIM

147290

UniProt ID

P08476

**Chromosome
Location**

7p15-p13

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