

Active Recombinant Human INHBA&INHBB

Cat. No. INHBA&INHBB-736H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHBA&INHBB (Accession # NP_002183 (beta A) & NP_002184 (beta B)) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Gly311 (beta A subunit) & Gly293 (beta B subunit)
Form	Lyophilized from a 0.2 µ filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce hemoglobin expression in K562 human chronic myelogenous leukemia cells. Schwall, R.H. et al. (1991) Method Enzymol. 198:340. The ED50 for this effect is typically 0.2-1.2 ng/mL.
Molecular Mass	Recombinant Human INHBA&INHBB has a calculated MW of 12.8 kDa (beta A subunit) and 13 kDa (beta B subunit). In SDS-PAGE migrates as 14 kDa, reducing conditions.
Purity	>90%, 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 50 µg/mL in sterile PBS 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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