

Active GMP Recombinant Human/Mouse/Rat INHBA Protein

Cat. No. INHBA-114HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active GMP Recombinant Human/Mouse/Rat INHBA Protein(NP_002183.1)(Gly311-Ser426) is expressed in CHO.
Species	Human/Mouse/Rat
Source	CHO
ProteinLength	311-426 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit proliferation of MPC-11 cells. The ED50 for this effect is 3.215-12.86 ng/mL, corresponding to a specific activity of $7.78 \times 10^4 \sim 3.11 \times 10^5$ units/mg.
Molecular Mass	12.98 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

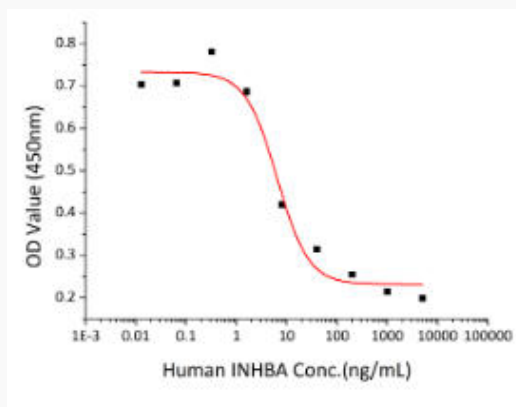
UniProt ID [P08476](#)

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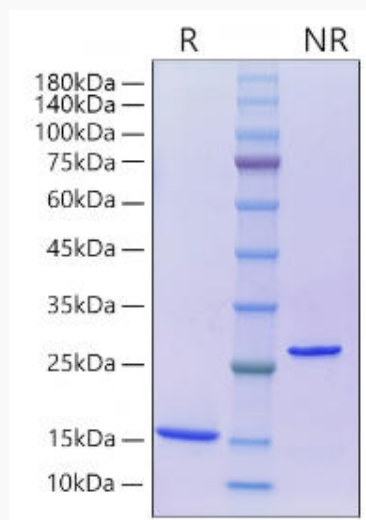
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Activity



SDS-PAGE



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