

# Active Recombinant Human/Mouse/Rat INHBA protein, Low Endotoxin

**Cat. No.** INHBA-2887H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human/Mouse/Rat INHBA protein(P08476)(Gly311-Ser426) is expressed from HEK293 without tag.                                                                                                  |
| <b>Species</b>          | Human/Mouse/Rat                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 311-426 aa                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in 4mM HCl.                                                                                                                                                          |
| <b>Bio-activity</b>     | Measured by its ability to inhibit proliferation of MPC-11 cells. The ED50 for this effect is < 7 ng/mL.                                                                                                       |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 12.97 kDa. Due to glycosylation, the protein migrates to 14-15 kDa under reduced (R) condition, and 23-30 kDa under Non reduced (N) condition based on Bis-Tris PAGE result. |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                    |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE                                                                                                                                                                           |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal                                     |

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storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## 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](#)

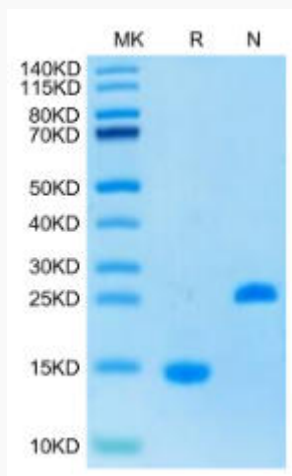
**UniProt ID** [P08476](#)

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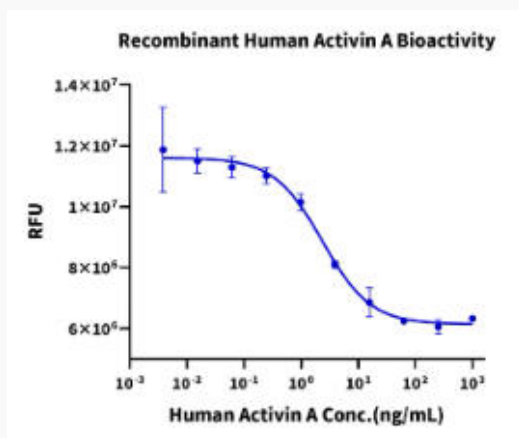
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## Bis-Tris PAGE



## Cell Based Assay



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