

## Recombinant Human INHBA Protein

Cat. No. INHBA-483H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human INHBA protein
<b>Species</b>	Human
<b>ProteinLength</b>	426
<b>Description</b>	<p>This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. The encoded protein also plays a role in eye, tooth and testis development. Elevated expression of this gene may be associated with cancer cachexia in human patients.</p>
<b>Form</b>	Lyophilized
<b>AA Sequence</b>	<pre> MPLLWLRGFLASCWIIVRSSPTPGSEGHSAAAPDCPSCALAALPKDVPNSQPPEMVE AVKKHILNMLHLKKRPDVTQVPKAAALLNAIRKLHVGVGENGYVEIEDDIGRRAEM NELMEQTSEIITFAESGTARKTLHFEISKEGSDLSVVERAEVWFLKVPKANRTRTKV TIRLFQQQKHPQGSLDTGEEAEEVGLKGERSELLSEKVV DARKSTWHVFPVSSSIQ RLLDQKGSSLDVRIACEQCQESGASLVLLGKKKKKKEEGEGKKKGGGEGGAGADE EKEQSHRPFLMLQARQSEDHPHRRRRRGLECDGKVNICCKKQFFVSFKDIGWNDW IIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYRMRGHSPFANLKSCCVPTKL RPM SMLYYDDGQNIKKDIQNMIVEECGCS </pre>

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	INHBA inhibin, beta A [ Homo sapiens (human) ]
<b>Official Symbol</b>	INHBA
<b>Synonyms</b>	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;
<b>Gene ID</b>	3624
<b>mRNA Refseq</b>	NM_002192

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**Protein Refseq** NP\_002183

**MIM** 147290

**UniProt ID** P08476

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