

Recombinant Human INHBA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INHBA-5623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INHBA MS Standard C13 and N15-labeled recombinant protein (NP_002183) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	47.4 kDa
AA Sequence	MPLLWLRGFLLASCWIIVRSSPTPGSEGHS AAPDCPSCALAALPKDVPNSQP EMVE AVKKHILNMLHLKKRPDVTQVPVKAALLNAIRKLHVGKVGENG YVEIEDDIGRRAEM NELMEQTSEIITFAESGTARKTLHFEISKEGSDLSVVERAEVWFLKVPKANRTRTKV TIRLFQQQKHPQGSLDTGEEAAEEVGLKGERSELLLSEKVVDARKSTWHVFPVSSSIQ RLLDQ GKSSLDVRIACEQCQESGASLVLLGKKKKKEEGEGKKKGGGEGGAGADE EKEQSHRPFLMLQARQSEDHPHRRRRRGLECDGKVNICCKKQFFVSFKDIGWNDW

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IIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYMRGHSPFANLKSCCVPTKL
 RPMSMLYYDDGQNIKKDIQNMIVEECGCSTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name INHBA inhibin subunit beta A [Homo sapiens (human)]

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

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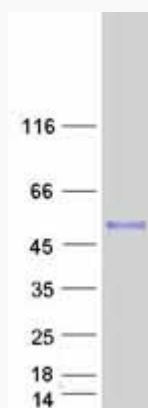
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MIM 147290

UniProt ID P08476

SDS-PAGE



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