

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

Cat. No. INHBC-2907H Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | INHBC MS Standard C13 and N15-labeled recombinant protein (NP_005529) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | 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 homodimeric and heterodimeric activin complexes. The heterodimeric complex may function in the inhibition of activin A signaling. Transgenic mice overexpressing this gene exhibit defects in testis, liver and prostate.     |
| <b>Molecular Mass</b>   | 38.21 kDa   |
| <b>AA Sequence</b>      | MTSSLLLAFLLLAPTTVATPRAGGQCPACGGPTLELESQRELLLDLAKRSILDKLHLT<br>QRPTLNRPVSRALRTALQHLHGVPQGALLEDNREQECEIISFAETGLSTINQTRLDF<br>HFSSDRTAGDREVQQASLMFFVQLPSNTTWTWKVRVVLGPHNTNLTATQYLLEV<br>DASGWHQLPLGPEAQAACSQGHLTLELVLEGQVAQSSVILGGAHRPFVAARVRV<br>GGKHQIHRRGIDCQGGSRMCCRQEFFVDFREIGWHDWIIQPEGYAMNFCIGQCPLH<br>IAGMPGIAASFHTAVLNLLKANTAAGTTGGGSCCVPTAQRPLSLLYYDRDSNIVKTDI<br>PDMVVEACGCSTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |

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|                       |  |
|-----------------------|--|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA  |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.  |

## GENE INFORMATION

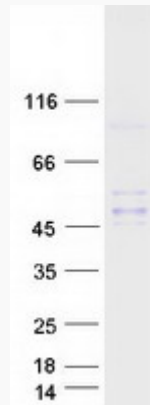
|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | INHBC inhibin subunit beta C [ Homo sapiens (human) ]                     |
| <b>Official Symbol</b> | INHBC   |
| <b>Synonyms</b>        | INHBC; inhibin, beta C; inhibin beta C chain; activin beta-C chain; IHBC; |
| <b>Gene ID</b>         | 3626  |
| <b>mRNA Refseq</b>     | NM_005538   |
| <b>Protein Refseq</b>  | NP_005529   |
| <b>MIM</b>             | 601233  |
| <b>UniProt ID</b>      | P55103  |

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**SDS-PAGE**



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