

# Recombinant Full Length Human INHBC Protein, GST-tagged

**Cat. No.** INHBC-5891HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human INHBC full-length ORF (BAG37366.1, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 352 amino acids                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | This gene encodes the beta C chain of inhibin, a member of the TGF-beta superfamily. This subunit forms heterodimers with beta A and beta B subunits. Inhibins and activins, also members of the TGF-beta superfamily, are hormones with opposing actions and are involved in hypothalamic, pituitary, and gonadal hormone secretion, as well as growth and differentiation of various cell types. [provided by RefSeq] |
| <b>Molecular Mass</b>   | 65.12 kDa                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MTSSLLLAFLLLAPTTVATPRAGGQCPACGGPTLELESQRELLLDLAKRSILDKLHLT<br>QRPTLNRPVSRALRTALQHLHGVPQGALLEDNREQECEIISFAETGLSTINQTRLDF<br>HFSSDRTAGDREVQQASLMFFVQLPSNTTWTCLKVRVLVLGPHNTNLTLATQYLLEV<br>DASGWHQLPLGPEAQAAACSQGHLTLELVLEGQVAQSSVILGGAHRPFVAARVRV<br>GGKHQIHRRGIDCQGGSRMCCRQEFFFVDFREIGWHDWIIQPEGYAMNFCIGQCPLH<br>IAGMPGTAASFHTAVLNLLKANTAAGTTGGGSCCVPTARRPLSLLYYDRDSNIVKTDI<br>PDMVVEACGCS                               |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |

## GENE INFORMATION

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| <b>Gene Name</b>       | INHBC inhibin, beta C [ Homo sapiens ]                                    |
| <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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