

INHBC Protein, Human, Recombinant (N-His)

General Information

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| Synonyms: | Activin Beta-C Chain;INHBC;Inhibin β C Chain;Activin β -C Chain;Inhibin Beta C Chain |
| Protein Construction: | Gly237-Ser352 |
| Species: | Human |
| Expression Host: | E. coli |
| Accession: | P55103 |
| Molecular Weight: | 16 KDa (reducing condition) |
| AA Sequence: | Gly237-Ser352 |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | Greater than 95% as determined by reducing SDS-PAGE. (QC verified) |
| Endotoxin: | < 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test. |
| Formulation: | Lyophilized from a solution filtered through a 0.22 μ m filter, containing 4 mM HCl, 1 mM DTT. |

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in 4mM HCl. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins, Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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