

Recombinant Human Inhibin ? C Chain/INHBC Protein ^{dg} (aa 237-352, His Tag)

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Catalog Number:PKSH032587

Note: Centrifuge before opening to ensure complete recovery of vial contents.

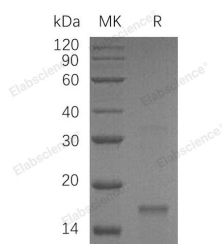
Description

Synonyms	Inhibin Beta C Chain;Activin Beta-C Chain;INHBC
Species	Human
Expression Host	E.coli
Sequence	Gly237-Ser352
Accession	P55103
Calculated Molecular Weight	14.8 kDa
Observed molecular weight	16 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 4mM HCl, 1mM DTT. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017