Recombinant Human Inhibin β C Chain/INHBC Protein (aa 19-352, His Tag)

Catalog Number: PKSH032586

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

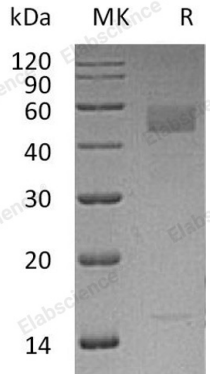
Description

Species	Human
Source	HEK293 Cells-derived Human Inhibin β C Chain;INHBC protein Thr19-Ser352, with an C-terminal His
Calculated MW	37.5 kDa
Observed MW	42-58&32-40&14-17 kDa
Accession	P55103
Bio-activity	Not validated for activity

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 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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 PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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

Inhibin beta C chain; also known as activin beta-C chain and INHBC; belongs to the TGF-beta family. INHBC forms a homodimeric or heterodimeric through association with alpha and beta subunits; linked by one or more disulfide bonds. Inhibins are heterodimers of one alpha and one beta subunit. Activins are homo- or heterodimers of beta subunits only. Inhibins/activins regulates many physiological processes; 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 and so on.

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