Recombinant Protein Technical Manual

Recombinant Human Inhibin β C Chain/INHBC Protein (aa 237-352, His Tag)(Active)

RPES1427

Product Data:

Product SKU: RPES1427

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P55103

Protein Information:

Molecular Mass:	14.8 kDa
AP Molecular Mass:	16 kDa
Tag:	N-6His
Bio-activity:	Immobilized Human INHBC-His at 0.8µg/ml(100 µl/well) can bind Human ACVR2A-Fc(Cat: PKSH032039). The ED50 of Human INHBC-His is 6.73 ug/ml .
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin:	< 1.0 EU per µg as determined by the LAL method.
Storage:	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℃ 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 4mM HCl, 1mM DTT.
Reconstitution:	Please refer to the printed manual for detailed information.
Application:	Functional ELISA
Synonyms:	Inhibin Beta C Chain; Activin Beta-C Chain; INHBC

Immunogen Information:

Sequence: Gly237-Ser352

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.