Recombinant Protein Technical Manual

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

RPES1407

Product Data:

Product SKU: RPES1407

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P55103

Protein Information:

Molecular Mass:	37.5 kDa
AP Molecular Mass:	49 kDa
Tag:	C-6His
Bio-activity:	Immobilized Human INHBC-His at 0.5µg/ml(100 µl/well) can bind Human ACVR2A-Fc(Cat: PKSH032039). The ED50 of Human INHBC-His is 4.5 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 PBS, pH7.4.
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: Thr19-Ser352

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.