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Datasheet for ABIN7318617
INHBC Protein (AA 19-352) (His tag)

Overview

Quantity:	50 µg
Target:	INHBC
Protein Characteristics:	AA 19-352
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This INHBC protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Inhibin β C Chain/INHBC Protein (aa 19-352, His Tag)(Active)
Sequence:	Thr19-Ser352
Characteristics:	Recombinant Human Inhibin beta C Chain is produced by our Mammalian expression system and the target gene encoding Thr19-Ser352 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	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 .

Target Details

Target:	INHBC
Alternative Name:	Inhibin beta C Chain/INHBC (INHBC Products)
Background:	<p>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.</p> <p>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.</p> <p>Synonym: Inhibin Beta C Chain, Activin Beta-C Chain, INHBC</p>
Molecular Weight:	37.5 kDa
UniProt:	P55103
Pathways:	Peptide Hormone Metabolism , Hormone Activity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.