Active Recombinant Human INHBC Protein

Cat. No. INHBC-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human embryonic kidney cell, HEK293-derived Recombinant Human INHBC Protein Gly237-Ser352
Species	Human
Source	CHO
ProteinLength	237-352 a.a.
Description	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of homodimeric and heterodimeric activin complexes. The heterodimeric complex may function in the inhibition of activin A signaling. Transgenic mice overexpressing this gene exhibit defects in testis, liver and prostate.
Form	Lyophilized
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Activin RIIA Fc Chimera (CHO) is immobilized at 2.5 μg/mL (100 μl/well), the concentration of Recombinant Human Activin C that produces 50% of the optimal binding response is approximately 6-30 ng/mL.
Molecular Mass	12.5 kDa (monomer)
N-terminal Sequence	Gly237

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Analysis	
Endotoxin	<0.01 EU per 1 μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE with silver staining
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in HCl with BSA as a carrier protein.
Reconstitution	Reconstitute at 100 μg/mL in 4 mM HCl.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name	INHBC inhibin subunit beta C [Homo sapiens (human)]
Official Symbol	INHBC
Synonyms	inhibin beta C chain; Activin C; IHBC; INHBC; inhibin, beta C
Gene ID	3626
mRNA Refseq	NM_005538.4
Protein Refseq	NP_005529.1

MIM	601233
UniProt ID	P55103

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