

Product datasheet for **TP762683**

Inhibin beta C chain (INHBC) (NM_005538) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human inhibin, beta C (INHBC)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(220Phe-End) of INHBC
Tag:	N-His
Predicted MW:	14.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005529
Locus ID:	3626
UniProt ID:	P55103
RefSeq Size:	1990
Cytogenetics:	12q13.3
RefSeq ORF:	1056
Synonyms:	IHBC



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Summary:

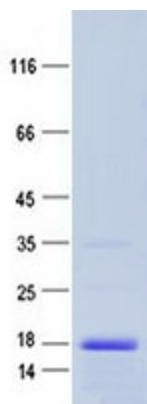
This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of homodimeric and heterodimeric activin complexes. The heterodimeric complex may function in the inhibition of activin A signaling. Transgenic mice overexpressing this gene exhibit defects in testis, liver and prostate. [provided by RefSeq, Aug 2016]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Cytokine-cytokine receptor interaction, TGF-beta signaling pathway

Product images:

Purified recombinant protein INHBC was analyzed by SDS-PAGE gel and Coomassie Blue Staining.