

Product datasheet for PH311922

Inhibin beta C chain (INHBC) (NM_005538) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	INHBC MS Standard C13 and N15-labeled recombinant protein (NP_005529)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211922
Predicted MW:	38.21 kDa
Protein Sequence:	>RC211922 representing NM_005538 Red=Cloning site Green=Tags(s)

MTSSLLLAFLLLAPTIVATPRAGGQCPACGGPTLELESQRELLLDLAKRSILDKLHLTQRPTLNRPVSRA
ALRTALQHLHGVPQGALLEDNREQECEIISFAETGLSTINQTRLDFHFSSDRTAGDREVQQASLMFFVQL
PSNTTWTLKVRVVLGPHNTNLTLATQYLLEVDASGWHQLPLGPEAQAACSQGHLTLELVLEGQVAQSSV
ILGGAHRPFVAARVRVGGKHQIHRRGIDCQGGSRMCCRQEFFVDFREIGWHDWIIQPEGYAMNFCIGQC
PLHIAGMPGIAASFHTAVLNLLKANTAAGTTGGGSCCVPTAQRPLSLLYYDRDSNIVKTDIPDMVVEACG
CS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005529</u>
RefSeq Size:	1990
RefSeq ORF:	1056
Synonyms:	IHBC
Locus ID:	3626



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UniProt ID: [P55103](#)

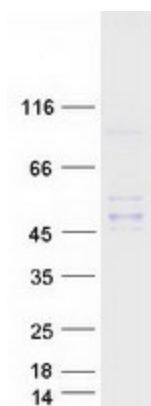
Cytogenetics: 12q13.3

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:



Coomassie blue staining of purified INHBC protein (Cat# [TP311922]). The protein was produced from HEK293T cells transfected with INHBC cDNA clone (Cat# [RC211922]) using MegaTran 2.0 (Cat# [TT210002]).