

Product datasheet for **TP303226L**

Inhibin beta A (INHBA) (NM_002192) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inhibin, beta A (INHBA), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203226 protein sequence Red =Cloning site Green =Tags(s)

MPLLWLRGFLASCWIIVRSSPTPGSEGHSAAPDCPSCALAALPKDVPNSQPPEMVEAVKKHILNMLHLKK
RPDVTQPVPKAALLNAIRKLHVGVKGENGYVEIEDDIGRRAEMNELMEQTSEIITFAESGTARKTLHFEI
SKEGSDLSVERAEVWFLKVPKANRTRTKVTIRLFQQQKHPQGS�DTGEEAEVGLKGERSELLSEKV
VDARKSTWHVFPVSSSIQRLLDQGKSSLDVRIACEQCQESGASLVLLGKKKKKEEGEGKKKGGEGGAG
ADEEKEQSHRPFLMLQARQSEDHPHRRRRRGLECDGKVNICKKQFFVSKDIGWNDWIIAPSGYHANYC
EGECPSHIAGTSGSSLSFHSTVINHYRMRGHSPFANLKSCCVPTKLRPMSMLYYDDGQNIKKDIQNMIV
EECGCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	44.3 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, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_002183</u>



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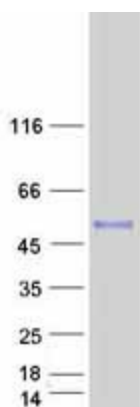
Locus ID: 3624
UniProt ID: [P08476](#), [A4D1W7](#)
RefSeq Size: 2175
Cytogenetics: 7p14.1
RefSeq ORF: 1278
Synonyms: EDF; FRP

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 the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. The encoded protein also plays a role in eye, tooth and testis development. Elevated expression of this gene may be associated with cancer cachexia in human patients. [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 INHBA protein (Cat# [TP303226]). The protein was produced from HEK293T cells transfected with INHBA cDNA clone (Cat# [RC203226]) using MegaTran 2.0 (Cat# [TT210002]).