

Product datasheet for TP303226M

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

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human inhibin, beta A (INHBA), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203226 protein sequence
Red=Cloning site Green=Tags(s)

MPLLWLRGFLASCWIIVRSSPTPGSEGHSAAPDCPSCALAALPKDVPNSQPPEMVEAVKKHILNMLHLKK
RPDVTQPVPKAALLNAIRKLHVGVKGENGYVEIEDDIGRRAEMNELMEQTSEIITFAESGTARKTLHFEI
SKEGSDLSVVERAEVWFLKVPKANRTRTKVTIRLFQQQKHPQGS�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: [NP_002183](#)



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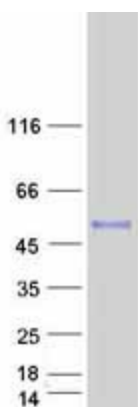
Locus ID: 3624
UniProt ID: [P08476](#), [A4D1W7](#)
RefSeq Size: 2175
Cytogenetics: 7p14.1
RefSeq ORF: 1278
Synonyms: EDF; FRP

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]).