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Inhibin a Human

Catalog #:HOPS-310

For research use only.

Description: Inhibin-Alpha Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 264 amino acids comprising of both A and B chains, having a molecular mass of 33.5 kDa.The Inhibin-Alpha is fused with an amino-terminal hexahistidine tag. The Inhibin-Alpha is purified by standard chromatographic techniques.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: Alpha chain:STPLMSWPWSPSALRLLQRPPEEPAAHANCHRVALNISFQELGWERWIVYPPSFIFHYCH GGCGLHIP PNLSLPVPGAPPTPAQPYSLLPGAQPCCAALPGTMRPLHVRTTSDGGYSFKYETVPNLLTQHCA CI.Beta Chain:GLECDGKVNICCKKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLSFHST VINHYRMRGHSPFANLKSCCVPTKLRPMSMLYYDD

Purity: Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:
Inhibin-A alpha chain is supplied in 1x PBS and 50% glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Inhibins are dimeric peptide hormones produced by female ovarian granulose cells and male Sertoli cells as well as a variety of other tissues. Inhibins have two isoforms, A and B, with the same alpha subunit but different beta subunits. Inhibin A is a dimer of alpha and beta A subunits, inhibin B is a dimer of alpha and beta B subunits.Inhibins are thoμght to inhibit the production of follicle-stimulating hormone (FSH) by the pituitary gland. In addition, Inhibins are also thoμght to play a role in the control of gametogenesis, and embryonic and fetal development.

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