

## Product Data Sheet

Product Name: Inhibin a Human  
 Cat. No.: GP21269  
 Batch No.: 1

### Product Data

Purity >98% Source Escherichia Coli.  
 Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Amino Acid Sequence Alpha chain:STPLMSWPWSPSALRLLQRPPEEPAAHANCHRVALNISFQELGWERWIVYPPSFIFHYCHGGCGLHIP  
 PNLSLPVPGAPPTPAQPYSLPGAQPCCAALPGTMRPLHVRTTSDGGYSFKYETVPNLLTQHACI.Beta  
 Chain:GLECDGKVNICCKKQFFVFSKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYMRGHSPFANLKSCCVPTKLRPMSMLYD

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

### Introduction

Inhibins are dimeric peptide hormones produced by female ovarian granulosa 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 thought to inhibit the production of follicle-stimulating hormone (FSH) by the pituitary gland. In addition, Inhibins are also thought to play a role in the control of gametogenesis, and embryonic and fetal development.

### 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.

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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