



## Product Datasheet

<b>Product Name</b>	Inhibin-Alpha A Chain Human Recombinant
<b>Cata No</b>	CB500741
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	

### Description

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.

Inhibin-Alpha A chain Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 134 amino acids fragment (233-366) and having an amino-terminal hexahistidine tag, having a total molecular weight of 19.2 kDa.

The Inhibin-Alpha A chain is purified by standard chromatographic techniques.

### Physical Appearance

Sterile Filtered clear solution.

### 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 10mM Tris HCl (pH-8) 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.**