

32-2044: Inhibin a Recombinant Protein

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE analysis.
Content :	Inhibin-A alpha chain is supplied in 1x PBS and 50% glycerol.
Storage condition :	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.
Amino Acid :	Alphachain:STPLMSWPWSPSALRLLQRPPEEPAAHANCHRVALNISFQELGWERWIVPPSFIFHYCHGGCGL HIPPNLSLPVPGAPPTPAQPYSLLPGAQPCCAALPGTMRPLHVRTTSDGGYSFKYETVPNLLTQHCACI. BetaCh ain:GLECDGKVNICCKKQFFVSKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYRMRGH SPFANLKSCCVPTKLRPMSMLYDDGQNIKKDIQNMIVEECGCS.