

## 32-1001: Activin A Recombinant Protein

**Alternative Name :** Activin Beta-A chain,Erythroid differentiation protein,EDF,FRP,Activin-A,Inhabin-B,Inhabin-Beta A chain.

### Description

Source : Escherichia Coli. Activin-A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 137 amino acids (311-426) and having a molecular mass of 15.2kDa. Activin-A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary 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

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|----------------------------|--|
| <b>Amount :</b>            | 10 µg  |
| <b>Purification :</b>      | Greater than 90.0% as determined by SDS-PAGE.  |
| <b>Content :</b>           | Activin-A protein solution (1mg/ml) contains 20mM Tris pH 8.0 and 10% glycerol.  |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| <b>Amino Acid :</b>        | MGSSHHHHHH SGLVPRGSH MGLECDGKVN ICCKKQFFVS FKDIGWNDWI IAPSGYHANY<br>CEGECPSHIA GTSGSSLSFH STVINHYRMR GHSPFANLKS CCVPTKLRPM SMLYDDGQN IIKKDIQNMI<br>VEECGCS.  |

