9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-1001: Activin A Recombinant Protein

Alternative Name : Activin Beta-A chain,Erythroid differentiation protein,EDF,FRP,Activin-A,Inhibin-B,Inihibin-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 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 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 90.0% as determined by SDS-PAGE.
Content :	Activin-A protein solution (1mg/ml) contains 20mM Tris pH 8.0 and 10% 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGLECDGKVN ICCKKQFFVS FKDIGWNDWI IAPSGYHANY CEGECPSHIA GTSGSSLSFH STVINHYRMR GHSPFANLKS CCVPTKLRPM SMLYYDDGQN IIKKDIQNMI VEECGCS.

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