

Human Activin A Recombinant Protein



RPPB0004

Product Information Protein Information

Product SKU:

RPPB0004

Accession:

P08476

Host:

Nicotiana
benthamiana plant

Protein description:

Activin A human Recombinant produced in Nicotiana benthamiana plant is a disulfide-linked homodimers of two betaA chains, each containing 116 amino residues (molecular formula C600H911N173O174S13) and 6-His-tag at the N-terminal having the total molecular mass of 27.4kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Inhba, Inhibin beta A, FSH releasing protein.

Formulation:

Lyophilized from 1mg/ml solution in Tris HCl 0.05M buffer at pH 7.4.

Purity:

Greater than 97.0% as determined by Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Activin A in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Activin A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Activin A should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

HHHHHHGLEC DGKVNICCKK QFFVSFKDIG WNDWIIAPSG YHANYCEGEC PSHIAGTSGS SLSFHSTVIN
HYRMRGHSPF ANLKSCCVPT KLRPMSMLYY DDGQNIKKD IQNMIVEECG CS