

Human Activin-A Recombinant Protein



RPPB0002

Product Information Protein Information

Product SKU:

RPPB0002

Accession:

P08476

Host:

Nicotiana
benthamiana.

Protein description:

Active form Activin-A Human Recombinant produced in Plant is a homodimeric, glycosylated, polypeptide chain containing 2 x 116 amino acids and having a molecular weight of 27.4kDa. The Active form Activin-A is fused to a 6-His tag at N-terminus and purified by standard chromatographic techniques.

Appearance:

Lyophilized freeze dried powder.

Synonyms:

Inhba, Inhibin beta A, FSH releasing protein.

Formulation:

Active form Activin-A was lyophilized from a concentrated 1mg/ml protein solution containing 50mM Tris-HCl pH-7.4

Purity:

Greater than 98% as observed by SDS-PAGE.

Solubility:

INHBA protein should be reconstituted in distilled water to a concentration of 50 ug /ml. Due to the protein nature, dimmers and multimers may be observed.

Stability:

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Repeated freezing and thawing is not recommended.

Amino Acid Sequence:

HHHHHHGLECDGKVNICCKKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYRMR
GHSPFANLKSCCVPTKLRPMSMLYDDGQNIKKDIQNMIVEECGCS.

Biological Activity:

The biological activity of INHBA is measured by its ability to inhibit mouse plasmacytoma cell line (MPC-11) cells proliferation ([3H]thymidine incorporation). ED50 < 5ng/ml.