

General Information

Gene Name Synonym

Activin beta-A chain; Erythroid differentiation protein; EDF

Protein Construction

A DNA sequence encoding mature form of human INHBA (NP_002183.1) (Gly311-Ser426) was expressed. The mature form sequences of the human, mouse, rat, cynomolgus and rhesus INHBA are identical.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit proliferation of MPC-11 cells. The ED_{50} for this effect is 4-16ng/mL.

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μ g protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant human INHBA consists of 116 amino acids and predicts a molecular mass of 13 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

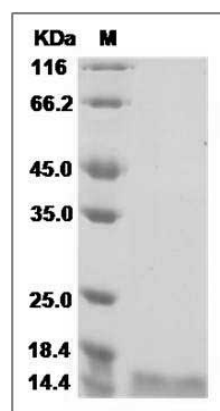
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human / Mouse / Rat / Cynomolgus / Rhesus
Activin A / INHBA Protein