

Recombinant bovine Fetuin A protein (Active, CHO)

Catalog Number: bs-48095P

Species: Bovine

AA Seq: 19-359/359

Predicted MW: 36.4

Tags: Tag free

Activity: Yes

Endotoxin: ≤ 0.5 EU/mg

Purity: $\geq 95\%$ as determined by SDS-PAGE.

Purification: AC

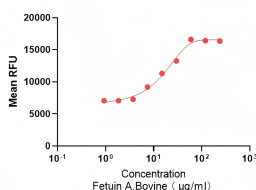
Form: Lyophilized

Storage: Lyophilized from a 0.22 μ m-filtered solution containing 10mM PB, pH7.4

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution.

Background: Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Measured in a cell proliferation assay using B16-F1 cells. Recombinant Bovine Fetuin A stimulates adhesion of B16-F1 cells. The ED50 for this effect is ≤ 100 μ g/mL. Optimal concentration depends on cell type as well as the application or research objectives.