



Fetuin A/AHSG

E21-425

Catalog Number:E21-425

Amount:10ug

Altername:Alpha-2-HS-Glycoprotein; Alpha-2-Z-Globulin; Ba-Alpha-2-Glycoprotein; Fetuin-A; AHSG; FETUA

Storage/Stability:Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Background: α -2-HS Glycoprotein (AHSG) is a glycoprotein that is composed of two subunits, the A and B chains, belongs to the Cystatin family of proteases inhibitors. It is highly expressed in embryonic cells and adult hepatocytes, and is expressed to a lesser extent in monocytes/macrophages. AHSG is an important circulating inhibitor of calcification in vivo, and is downregulated during the acute-phase response. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. In addition, AHSG may influence the resolution of inflammation by modulating the phagocytosis of apoptotic cells by macrophages. ASHG blocks TGF-beta-dependent signaling in osteoblastic cells.

Species:Human

Reconstitution:Always centrifuge tubes before opening. Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g/ml}$.Dissolve the lyophilized protein in ddH₂O.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin:Less than 0.1 ng/ μg (1 IEU/ μg) as determined by LAL test.

Purity:Greater than 95% as determined by reducing SDS-PAGE.

Description:Recombinant Human α -2-HS-Glycoprotein is produced by our Mammalian expression system and the target gene encoding Ala19-Val367 is expressed with a 6His tag at the C-terminus.

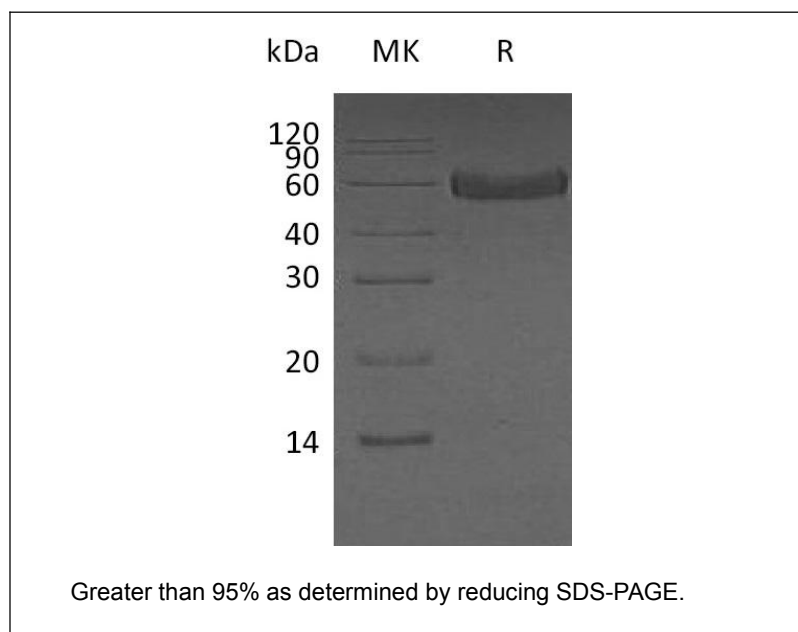
Product State:Lyophilized

Ship Description:The product is shipped at ambient temperature.

Formulation:Lyophilized from a 0.2 μm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 7.5.

Expression system:Human cells

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