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Datasheet for ABIN7318469 Fetuin A Protein (His tag)

Overview

Quantity:	50 µg
Target:	Fetuin A (AHSG)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fetuin A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Fetuin-A/AHSG Protein (His Tag)
Sequence:	Ala19-Val367
Characteristics:	Recombinant Human alpha-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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Fetuin A (AHSG)
Alternative Name:	Fetuin-A/AHSG (AHSG Products)
Background:	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

Target Details

in embryonic cells and adult hepatocytes, and is expressed to a lesser extent in monocytes/macrophages. AHSB 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, AHSB may influence the resolution of inflammation by modulating the phagocytosis of apoptotic cells by macrophages. AHSB blocks TGF-beta-dependent signaling in osteoblastic cells.

Synonym: Alpha-2-HS-Glycoprotein, Alpha-2-Z-Globulin, Ba-Alpha-2-Glycoprotein, Fetuin-A, AHSB, FETUA

Molecular Weight: 38.4 kDa

UniProt: [P02765](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

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

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.