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Datasheet for ABIN7534211 Fetuin A Protein (His tag)

Overview

Quantity:	100 µg
Target:	Fetuin A (AHSG)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Fetuin A protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human Fetuin A/AHSG Protein
Sequence:	APHGPGLIYR QPNCDDPETE EAALVAIDYI NQNLPWGYKH TLNQIDEVKV WPQQPSGELF EIEIDTLETT CHVLDPTPVA RCSVRQLKEH AVEGDCDFQL LKLDGKFSVV YAKCDSSPDS AEDVRKVCQD CPLLAPLNDT RVVHAAKAAL AAFNAQNNGS NFQLEEISRA QLVPLPPSTY VEFTVSGTDC VAKEATEAAK CNLLAEQYG FCKATLSEKL GGAEVAVTCM VFQTQPVSQ PQPEGANEAV PTPVVDPDAP PSPPLGAPGL PPAGSPPD SH VLLAAPP GHQ LHRAHYDLRH TFMGVWSLGS PSGEVSHPRK TRTVVQPSVG AAAGPVVPPC PGRIHFKV
Specificity:	Ala19-Val367
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	1.Measured by its ability to inhibit calcium phosphate precipitation. The IC50 value is <25 µ

Product Details

g/mL.

Target Details

Target:	Fetuin A (AHSG)
Alternative Name:	Fetuin A/AHSG (AHSG Products)
Background:	<p>Description: Fetuin-A, also known as Alpha-2-HS-Glycoprotein (AHSG), belongs to the Fetuin family. It is a major plasma protein and a member of the cystatin superfamily of protease inhibitors. It is expressed by hepatocytes, the principal cell source, and by monocyte/macrophages. 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.</p> <p>Name: AHSG, A2HS, AHS, FETUA, HSGA, alpha-2-HS-glycoprotein</p>
Gene ID:	197
UniProt:	P02765

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C, -80 °C
Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>