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32-8790: Recombinant Macaca mulatta (Rhesus macaque) a-2-HS-Glycoprotein/AHSG/Fetuin A (C-10His)

Gene : AHSG
Uniprot ID : F6WRS6

Description

Source: Human Cells.
MW :38.9kD.
Recombinant Macaca mulatta (Rhesus macaque) Fetuin A is produced by our Mammalian expression system and the target gene encoding Ala19-Val367 is expressed with a 10His tag at the N-terminus. Alpha-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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	APHGPGLIYRQPNCDDPETEEAALVAVDYINQNLPWGYKHTLNQIDEVKVWPQQPFGEMFEIEIDTLETTCHVL DPTPVAGCRVRQLKEHAVEGDCDFQLLKVNGKFSVEYAKCDSSPDSAEDVRKVCRDCPLLAPLNDTRVVHAA EAAVTAFNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTISGTDCVAKEATEAANCNLLAKKQYGFCKATLNEKLG GEEVAVTCTVFQTQPATSQPQPEGANEAVPTPVVDADAPASYPVGASGPLPTGSPIYAHVLAAAPPVVPIHSSH YDLRHLFMGVVSLRSPSGEALHPRKTRSVVQPSVGAAAGPVVPPCPGRVRHFKVHHHHHHHHHHH

Application Note

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