

32-20597: Recombinant Human Fetuin A/AHSG(Discontinued)

Alternative Name : Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein

Description

Source:HEK293 cells

Fetuin A/AHSG is a human plasma glycoprotein belonging to the Cystatin family of protease inhibitors. It is highly expressed in embryonic cells and adult hepatocytes, and is expressed to a lesser extent in monocytes/macrophages. Fetuin A/AHSG is a major serum protein component that exerts various calcium-dependent physiological activities, and can mediate growth signaling in certain tumor cells. It also can act as a natural antagonist against specific TGF-Beta and BMP signaling proteins, Recombinant Human Fetuin A is a heterodimeric protein containing a 282 amino acid A chain and a 27 amino acid B chain. The calculated molecular weight of Recombinant Human Fetuin A is 32.9 kDa. Due to glycosylation, recombinant Fetuin A migrates at an apparent molecular weight of 45Å–55 kDa by SDS-PAGE run under non-reducing conditions.

Product Info

Amount : 10 µg / 50 µg

Purification : Purity:>= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : A-Chain: APHGPGLIYR QPNCDDPETE EAALVAIDYI NQNLPGWGYKH TLNQIDEVKV WPQQPSGELF
EIEIDTLETT CHVLDPTPVA RCSVRQLKEH AVEGDCDFQL LKLDGKFSVV YAKCDSSPDS AEDVRKVCQD
CPLLAPLNDT RVVHAAKAAL AAFNAQNNGS NFQLEEISRA QLVPLPPSTY VEFTVSGTDC VAKEATEAAK
CNLLAEKQYG FCKATLSEKL GGAEVAVTCT VFQTQPVT SQ PQPEGANEAV PTPVVDPDAP PSPPLGAPGL
PPAGSPDSDH VL B-Chain: TVVQPSVG AAAGPVVPPC PGRIRHFKV

Application Note

Determined by its ability to inhibit Cathespin V cleavage of a fluorogenic peptide substrate Z-LR-AMC (RLUs). The expected IC₅₀ is <=100nM.