

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 PTPVVD PDAP PSPPLGAPGL
PPAGSPD SH 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.