

Human CellExp Fetuin A/ASHG, Human recombinant protein
Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein
Catalog # PBV10776r**Specification****Human CellExp Fetuin A/ASHG, Human recombinant protein - Product info**

Primary Accession [P02765](#)
Calculated MW **45-55 kDa** KDa

Human CellExp Fetuin A/ASHG, Human recombinant protein - Additional Info

Gene ID **197**
Gene Symbol **FETUA**
Other Names
Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein

Gene Source **Human**
Source **HEK 293 cells**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Sequence **A-Chain: APHGPGLIYR QPNCDDPETE
EAALVAIDYI NQNLPWGYKH TLNQIDEVKV
WPQQPSGELF EIEIDTLETT CHVLDPTPVA
RCSVRQLKEH AVEGDCDFQL LKLDGKFSVV
YAKCDSSPDS AEDVRKVCQD CPLLAPLNDT
RVVHAAKAAL AAFNAQNNGS NFQLEEISRA
QLVPLPPSTY VEFTVSGTDC VAKEATEAAK
CNLLAEKQYG FCKATLSEKL GGAEVAVTCT
VFQTQPVTSQ PQPEGANEAV PTPVVDPDAP
PSPPLGAPGL PPAGSPDDSH VL B-Chain:
TVVQPSVGAA AGPVVPPCPG RIRHFKV**

Target/Specificity
Fetuin A

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM Sodium Phosphate, pH 7.8.

Human CellExp Fetuin A/ASHG, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp Fetuin A/ASHG, Human recombinant protein - Images

Human CellExp Fetuin A/ASHG, Human recombinant protein - Background

Fetuin A/ASHG is a human plasma glycoprotein belonging 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. Fetuin A/ASHG 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- β 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. Due to glycosylation, recombinant Fetuin-A migrates at an apparent molecular weight of 45 – 55 kDa by SDS-PAGE run under non-reducing conditions.

Human CellExp Fetuin A/ASHG, Human recombinant protein - References

Lee C.-C., et al. Proc. Natl. Acad. Sci. U.S.A. 84:4403-4407(1987).
Osawa M., et al. Gene 196:121-125(1997).
Osawa M., et al. Ann. Hum. Genet. 65:27-34(2001).
Ota T., et al. Nat. Genet. 36:40-45(2004).
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