xabeomics

32-3168: AHSG Recombinant Protein

Alternative Name : PRO2743,A2HS,AHS,FETUA,HSGA,Alpha-2-HS-glycoprotein,Alpha-2-Z-globulin,Ba-alpha-2-glycoprotein,Fetuin-A.

Description

Source : Escherichia Coli. AHSG Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 372 amino acids (19-367 a.a) and having a molecular mass of 39.7kDa (Molecular size on SDS-PAGE will appear higher).AHSG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. AHSG (fetuin-A) which is a glycoprotein present in the serum, is synthesized by hepatocytes. AHSG is one of the fetuin class of plasma binding proteins. It is involved in a number of functions, such as endocytosis, brain development and the formation of bone tissue. It is usually present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, hence it has been postulated that it participates in the development of the tissues. Yet, its exact significance is still vague. AHSG promotes endocytosis, hold opsonic properties and influences the mineral phase of the bone. Affinity for calcium and barium ions has been shown.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	AHSG protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol 0.1M NaCl and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSAPHGPGL IYRQPNCDDP ETEEAALVAI DYINQNLPWG YKHTLNQIDE VKVWPQQPSG ELFEIEIDTL ETTCHVLDPT PVARCSVRQL KEHAVEGDCD FQLLKLDGKF SVVYAKCDSS PDSAEDVRKV CQDCPLLAPL NDTRVVHAAK AALAAFNAQN NGSNFQLEEI SRAQLVPLPP STYVEFTVSG TDCVAKEATE AAKCNLLAEK QYGFCKATLS EKLGGAEVAV TCTVFQTQPV TSQPQPEGAN EAVPTPVVDP DAPPSPPLGA PGLPPAGSPP DSHVLLAAPP GHQLHRAHYD LRHTFMGVVS LGSPSGEVSH PRKTRTVVQP SVGAAAGPVV PPCPGRIRHF KV.

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