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AHSG, 19-367aa, Human, His tag, E.coli

产品货号: TP01089

第三版

别名: Alpha-2-HS-glycoprotein, A2HS, AHS, FETUA, HSGA

**描述:** AHSG, also known as fetuin-A, belongs to the fetuin class of plasma binding proteins. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. It is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has been postulated that it participates in the development of the tissues. It forms soluble complexes with calcium and phosphate and thus is a carrier of otherwise insoluble calcium phosphate. Recombinant human AHSG protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

**分子量:** 39.7 kDa(372aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSAPHGPGLIYRQPNCDDPETEEAALVAIDYINQNLPWGYKHTLNQIDEVKVWPQQ  
PSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVVYAKCDSSPDSAEDVRKVCQDCPLLA  
PLNDTRVVHAAKAALAFNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKEATEAAKCNLLAEKQYGFCKAT  
LSEKLGAEVAVTCTVFQTQPVTSPQPEGANEAVPTPVVDPDAPPSPLGAPGLPPAGSPDASHVLLAAPPQHQLHRAH  
YDLRHTFMGVVSLGSPSGEVSHPRKTRTVVQPSVGAAAGPVVPPCPGRIRHFKV

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.