

## AHSG

### Native Human Alpha-2-HS-Glycoprotein

**Catalog No.** CSI19778A **Quantity:** 1.0 mg

**Alternate Names:** Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, Fetuin-A

**Description:** Alpha2-HS-Glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. AHSG is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix. AHSG is found in human serum at 60 mg per 100 ml. This protein is a negative acute-phase reactant.

**UniProt ID:** P02765

**Gene ID:** 197

**Source:** Human Plasma

**Molecular Weight:** 49 kDa

**Formulation:** Lyophilized from 20 mM Tris-HCl, 200 mM NaCl, pH 8.0

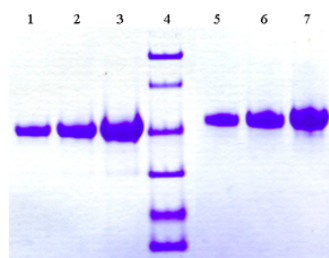
**Purity:** > 95% by SDS-PAGE analysis

**Extinction Coefficient:**  $E^{0.1\%}_{280nm} = 0.54$

**Reconstitution:** Add deionized water to a concentration 0.1-1.0 mg/ml, aliquot and freeze unused portion.

**Storage & Stability:** Store at -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -80°C. **Avoid repeated freeze-thaw cycles.**

**Certification:** Shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.



1. Human Alpha-2-HS-Glycoprotein (5 ug) R  
2. Human Alpha-2-HS-Glycoprotein (10 ug) R  
3. Human Alpha-2-HS-Glycoprotein (20 ug) R  
4. Molecular Weight Markers  
5. Human Alpha-2-HS-Glycoprotein (5 ug) NR  
6. Human Alpha-2-HS-Glycoprotein (10 ug) NR  
7. Human Alpha-2-HS-Glycoprotein (20 ug) NR

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**