

Alpha-2-HS-Glycoprotein Human Recombinant

Item Number	rAP-2778
Synonyms	PRO2743, A2HS, AHS, FETUA, HSGA, Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, Fetuin-A.
Description	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 chro-
Uniprot Accession Number	P02765
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSAPHGPGL IYRQPNCDDE ETEEAALVAI DYINQNLPGW YKHTLN- QIDE VKVWPQQPSG ELFEIEIDL ETTCHVLDPT PVARCSVRQL KEHAVEGDCD FLLKLDGKF SVVYAKCDSS PDSAEDVRKV CQDCPLLAPL NDTRVVHAAK AALAAFNAQN NGSNFQLEEI SRAQLVPLPP STYVEFTVSG TDCVAKEATE AAKCNLLAEK QYGFCKATLS EKLGAEVAV TCTVFQTQPV TSQPQPEGAN EAVPTPVVDP DAPPSPLGA PGLPPAGSPP DSHVLLAAPP GHQLHRAHYD LRHTFMGVVS LGSPSGEVSH PRKTRTVVQP SVGAAAGPVV PPCPGRIHF KV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	AHSG protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol 0.1M NaCl and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**