

Alpha-2-HS-Glycoprotein Human Recombinant HEK

Item Number	rAP-2779
Synonyms	Alpha-2-HS-glycoprotein, Fetuin-A, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, AHSG, FETUA, AHS, A2HS, HSGA, PRO2743.
Description	AHSG Human Recombinant produced by transfected human cells is a single polypeptide chain containing 357 amino acids (19-367). AHSG is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P02765
Amino Acid Sequence	APHGPGLIYRQPNCCDDPETEEAALVAIDYINQNLPPWGYKHTLNQIDEVKVWPQQPSGEL- FEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLKDGKFSVYAKCDSSPDSAEDVRKVCQD CPLLAPLNDTRVVHAAKAALAFNAQNNGSNFQLEEISRAQLVPLPPSTYVEFTVSGTDCVAKEATEAAKC NLLAEKQYGFCKATLSEKLGAEVAVTCTVFQTQPVT SQPQPEGANEAVPTPVVDPDAPPSPPLGAPGLP PAGSPD SHVLLAAPPQHQLHRAHYDLRHTFMGVVSLGSPSGEVSHPRKTRTVVQPSVGAAAGPVVPPC PGRIRHFKVVDHHHHHH.
Source	HEK293 cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized AHSG although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution AHSG should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	AHSG was lyophilized from a 0.2 µM filtered solution of 20mM PB and 150mM NaCl, pH 7.5. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized AHSG in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
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**