

Human Serum Albumin Recombinant, Lipid Free

Item Number	rAP-2754
Synonyms	Serum albumin, ALB, PRO0883, PRO0903, PRO1341, DKFZp779N1935, GIG20, GIG42, PRO1708, PRO2044, PRO2619, PRO2675, UNQ696, SA, HSA.
Description	HSA Human Recombinant lipid reduced produced in Plant is a non-glycosylated, polypeptide chain containing 585 amino acids and having a molecular mass of 67 kDa. The optimum concentration for recombinant Albumin to be used in cell culture ranges between 0.5gr to 2gr per liter. The recombinant Albumin is purified.
Uniprot Accession Number	P02768
Amino Acid Sequence	
Source	Rice Grain.
Physical Appearance and Stability	Sterile Filtered white lyophilized powder. Recombinant Albumin although stable at 4C for 3 weeks, should be stored at -18C. Please prevent freeze-thaw cycles.
Formulation and Purity	The Recombinant Albumin was lyophilized with sodium chloride. A 10% w/v solution when dissolved in water will contain 50mM NaCl. Greater than 90% as determined by SDS-PAGE.
Application	Recombinant Albumin can be used as a media culture supplement at concentrations up to 5 grams per liter. Gradual adaptation of cell lines over several passages to a concentration of 0.5gr to 2gr per liter.
Solubility	It is recommended to reconstitute the lyophilized HSA in sterile water at a conc. of 1mg/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**