

## Recombinant human Serum Albumin, His & Avi (HEK293)

Catalog Number: bs-41536P

Concentration: >0.5 mg/ml

AA Seq: 25-609/609

Predicted MW: 69.4

Detected MW: 70 kDa

Tags: His and Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4). Normally 5% trehalose is added as protectant before lyophilization.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.