

Recombinant Serum albumin

Catalog No: #AP72418



Package Size: #AP72418-1 20ug #AP72418-2 100ug #AP72418-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Serum albumin
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-608aaSequence Info:Full Length
Accession No.	A2V9Z4
Uniprot	A2V9Z4
GeneID	102130757;
Calculated MW	68 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DTHKSEVAHRFKDLGEEHFKGLVLVAFSQYLQQCPEEHHVCLVNEVTEFAKTCVADESAENCDSLHTLFGD KLCTVATLRETYGEMADCCAKQEPERNECFLQHKDDNPPLPLVRPEVDVMCTAFHDNEATFLKKYLYEVAR RHPYFYAPELLFFAARYKAAFAECCQAADKAACLLPKLDLREDEGKASSAKQRLKCASLQKFGDRAFKAWAV ARLSQKFPKAEFAEVSKLVTDLTKVHTECCHGDLLCADDRADLAKYMCENQDSISSKLKECCDKPLLEKSHC LAEVENDEMPADLPSLAADYVESKDVCCKNYAEAKDVFLGMFLYEYARRHPDYSVMLLLRLAKAYEATLEKCCA AADPHECYAKVFDEFQPLVEEPQNLVKQNCLEFELGQYKFNALLVRYTKKVPQVSTPTLVEVSRNLGKVG AKCCCKLPEAKRMPCAEDYLSVVLNRLCVLHEKTPVSEKVTCCETSLVNRPCFSALELDEAYVPKAFNAETF TFHADMCTLSEKEKQVKKQTALVELVKHKPKATKEQLKGVMDNFAAFVEKCKKADDKEACFAEEGPKFVAAS QAALA
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca²⁺, Na⁺, K⁺, fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.

References

"Analysis of gene expression in cynomolgus monkey tissues by macaque cDNA microarray."Kobayashi M., Uno Y., Suzuki Y., Osada N., Kusuda J., Sugano S., Inoue I., Hashimoto K.Submitted (AUG-2006)Research Topic:Cardiovascular

Note: This product is for in vitro research use only