

# Streptavidin Protein Recombinant Protein



RPPB5044

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## Product Information    Protein Information

**Product SKU:**

RPPB5044

**Accession:**

P22629

**Host:**

Bacterium

Streptomyces avidinii.

**Protein description:**

Streptavidin is a protein produced by Streptomyces avidinii and isolated by purification from fermentation broth. The pure, homogeneous protein shows predominantly one single band in SDS PAGE. Streptavidin consists of 4 identical subunits, each bearing an active binding site for biotin. Streptavidin has a molecular weight of 55kDa.

**Appearance:**

Sterile Filtered lyophilized powder.

**Formulation:**

The Streptavidin was lyophilized from a 25mg/ml solution in 10 mM potassium phosphate buffer pH 6.5

**Solubility:**

Gives a clear solution at 5mg/ml in 0.1M NaCl.

**Stability:**

Streptavidin although stable at 4°C for 3 weeks, should be stored desiccated below -18°C. For longer storage in dissolved form add 1mM EDTA and/or 0.02 % NaN<sub>3</sub> or pass the solution through a sterile filter. Please prevent freeze-thaw cycles.