

Streptavidin

Item Number	rAP-4855
Synonyms	
Description	Streptavidin is a protein produced by <i>Streptomyces avidinii</i> 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
Uniprot Accession Number	P22629
Amino Acid Sequence	
Source	Bacterium <i>Streptomyces avidinii</i> .
Physical Appearance and Stability	Sterile Filtered lyophilized powder. 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 ₃ or pass the solution through a sterile filter. Please prevent freeze-thaw cycles.
Formulation and Purity	Lyophilized (1mg/ml) in 50mM NaCl, pH 9.0.
Application	
Solubility	Gives a clear solution at 5mg/ml in 0.1M NaCl.
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**