

Streptavidin Recombinant

Item Number	rAP-4858
Synonyms	
Description	Streptavidin Streptomyces Avidinii Recombinant produced in E.Coli. The molecular weight per tetramer is approximately 52kDa.
Uniprot Accesion Number	P22629
Amino Acid Sequence	MAEAGITGTWYNQLGSTFIVTAGADGALTGTYESAVGNAESRYVLTGRYDSAPATDGSG-TALGWTVAWKNNYRNAHSATTWSGQYVGGAEARINTQWLLTSGTTEANAWKSTLVGHDTFTKVKPSAAS
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Streptavidin is shipped at ambient temperature, upon arrival store at -20°C.
Formulation and Purity	Lyophilized in 10mM potassium phosphate buffer pH 6.5. Greater than 98.0% as determined by SDS-PAGE and HPLC.
Application	
Solubility	It is recommended to reconstitute the lyophilized Streptavidin in sterile 18M-cm H2O not less than 100µg/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**