

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-TALGWTVAWKNNYRNAHSATTWSGQYVGGAEARINTQWLLSGTTEANAWKSTLVGHDTFTKVKPSAAS

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 end users! This product is sold for **Research Use Only**