

Recombinant Streptomyces avidinii Streptavidin Protein

Cat. No. Streptavidin-526 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Streptomyces avidinii Streptavidin Protein was conjugated with HRP.
Species	Streptomyces avidinii
Description	Streptavidin is a protein that has similar binding properties to avidin. It is isolated from streptomyces avidinii. Streptavidin has a molecular weight of 60 KD and has 4 subunits. Each subunit can bind one molecule of biotin. Biotin is a 244 da water soluble vitamin. Streptavidin has an extremely high binding affinity ($K_d=10^{-15}$) for biotin.
Form	1 mg/ml in PBS (pH 7.4) containing 10 mg/ml BSA and 0.01% thimerosal
Storage	The reagent may be stored at 4 centigrade for short periods of one month or less. For longer periods, aliquot and store at -20 centigrade. Avoid repeated freeze/thaw cycles. If slight precipitation occurs upon prolonged storage, clarify the solution by centrifugation before use.

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