

Streptavidin(Type 3)

Cat. No. Streptavidin-2941S Lot. No. (See product label)

SPECIFICATION

Product Overview Streptomyces avidinii was first isolated from the broth culture of Streptomyces avidinii as a biotin binding protein. Similar to Avidin, streptavidin consists of four identical subunits in a tetramer, each of which can bind biotin, that is, one molecule of streptavidin can bind four molecules of biotin, and the binding force is very high (Kd~10⁻¹⁵). Compared with avidin, streptavidin has a low isoelectric point and does not contain a sugar group, so its non-specific binding is much lower than that of avidin when used in antigen-antibody detection systems.

Species Streptomyces avidinii

Source E.coli

Tag Non

Form 20mM PB, pH7.4

Bio-activity ≥15.0U/mg(1U is bound to 1μg biotin)

Storage Store at 2-8°C.

Concentration 5mg/mL

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