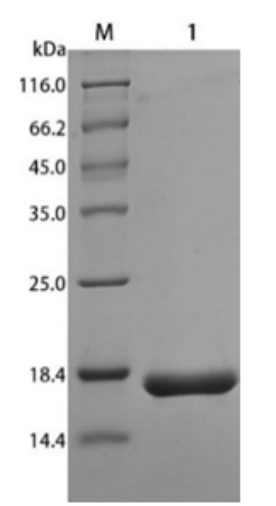
Recombinant Streptomyces avidinii Streptavidin

Cat. No. Streptavidin-2938S **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
Bio-activity	≥12.5U/mg (1U is bound to 1μg biotin)
Molecular Mass	66.4kDa (16.6kDa/ subunit)
Purity	≥95%(SDS-PAGE)
Storage	Freeze-dried powder -20±5°C, after dissolution to avoid repeated freeze-thaw.
Reconstitution	Dissolved in distilled water ≥10mg/mL.

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