



STREPTAVIDIN

Efficiently immobilize biotinylated proteins for analytical testing

ON
AVERAGE
25% LOWER
PRICES!*

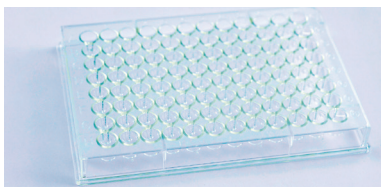


*than other manufacturers on the market

Streptavidin can be coated to:

- › Microplates
- › Beads
- › Sensor chips

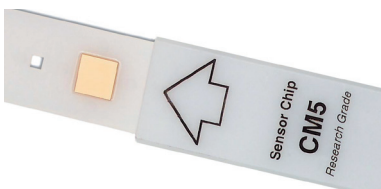
or any other supports in a cost effective, reliable and consistent manner.



Microplate



Beads, e.g. agarose beads, magnetic beads



Sensor chip

For further informations or bulk request please contact us at:

strep-tag@iba-lifesciences.com

High-quality bulk material for unbeatable prices

Streptavidin is a tetrameric protein composed of identical subunits (~13 kDa each). Each subunit binds one biotin molecule with a KD of $\sim 1 \times 10^{-15}$ M, which makes the biotin-streptavidin system one of the strongest non-covalent biological interactions known. This streptavidin-biotin interaction is widely used for immunological, molecular and cellular assays, where biotinylated molecules are captured efficiently on streptavidin coated surfaces.

Our recombinant streptavidin contains an N- and C-terminal shortened variant (core streptavidin). Compared to native streptavidin, the biotin binding pocket in this shortened variant is more accessible. In addition, the properties concerning homogeneity, solubility, and resistance towards proteolytic degradation are improved.

Specifications:	
Form	Lyophilized in potassium phosphate buffer
MW per tetramer	~53 kDa
Specific activity	> 17 U/mg (one unit binds 1 µg D-biotin)
Purity	> 95 % as estimated by SDS-PAGE
Storage	-25 to -15 °C (lyophilized) 2 to 8 °C (dissolved)
Stability	2 years after shipping (lyophilized)
Shipping	Room temperature



Scan for the detailed specifications (data sheet)

Volume	Cat. No.
10 mg	2-0203-010
100 mg	2-0203-100
1 g	2-0203-101
5 g	2-0203-105