

## Datasheet for ABIN7566397

### Streptavidin Protein (HRP)



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#### Overview

Quantity:	50 µg
Target:	Streptavidin
Origin:	Streptomyces avidinii
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Streptavidin protein is labelled with HRP.

#### Product Details

Purpose:	Streptavidin (HRP)
Cross-Reactivity:	Various Species
Characteristics:	Recombinant streptavidin from Streptomyces avidinii.
Purity:	>95 % (SDS-PAGE)

#### Target Details

Target:	Streptavidin
Abstract:	<a href="#">Streptavidin Products</a>
Background:	Streptavidin is a non-glycosylated protein isolated from Streptomyces avidinii. It forms a homotetramer and strong non-covalent specific complex with biotin (one molecule of biotin per subunit of streptavidin). Streptavidin (HRP) is useful as a second step reagent for indirect enzymatic labeling, in conjunction with biotinylated primary antibodies. It is often used in ELISA, IHC or Western blotting applications together with relevant substrate systems.

### Target Details

Molecular Weight: 60kDa (SDS-PAGE)

UniProt: [P22629](#)

### Application Details

Restrictions: For Research Use only

### Handling

Format: Lyophilized

Reconstitution: 1 mg/mL after reconstitution

Concentration: 1 mg/mL

Buffer: Contains PBS.

Handling Advice: After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1 % BSA should be used for further dilutions.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.