

Datasheet for ABIN7566398 **Streptavidin Protein (PE)**

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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 PE.

Product Details

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

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	<p>Streptavidin R-Phycoerythrin</p> <p>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 (R-PE) is typically used for flow cytometry, microarrays, ELISA and other applications that require either high sensitivity or simultaneous multicolor</p>

Target Details

detection. Phycoerythrin is a member of a family of proteins called phycobiliproteins, which are derived from cyanobacteria and eukaryotic algae and exhibit extremely bright fluorescence and high quantum yields.

Molecular Weight: 60kDa (SDS-PAGE)

UniProt: [P22629](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: 0.5 mg/mL

Concentration: 0.5 mg/mL

Buffer: Contains PBS and 0.1 % sodium azide.

Handling Advice: Do not freeze. PBS containing at least 0.1 % BSA should be used for further dilutions.

Storage: 4 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: +4°C
Use & Stability: Stable for at least 6 months after receipt when stored at +4°C.