

## 链霉亲和素

**Catalog Number:** BN40024

### General Information

**Species:** Streptomyces

**Host:** N/A

**AA Seq:** 25-183/183

**Predicted MW:** 12

**Detected MW:** 12/38/55 kDa

**Tags:** Tag free

### QC Testing

**Activity:** Yes

**Endotoxin:** Not analyzed

**Purity:** >95% as determined by SDS-PAGE

**Purification:** AC

**Concentration:** >0.5 mg/ml

### Usage Guide

**Storage:** Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Streptavidin is a tetrameric protein composed of identical subunits. Each subunit binds one biotin molecule with a KD of  $\sim 1 \times 10^{-15}$  M. The preparation contains an N- and C-terminal shortened variant (core streptavidin) with improved properties concerning homogeneity, solubility, resistance towards proteolytic degradation and accessibility of the biotin binding pocket as compared to native streptavidin. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits.

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.