



Optimize Your Research

## Recombinant Streptavidin protein

### Code CD00012

**Storage:** This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

#### Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

#### Source

Recombinant streptavidin from *Streptomyces avidinii*, produced in *Escherichia coli*.

#### Molecular Weight

Approximately 52,000 per tetramer.

#### Purity

> 98 % by SDS-PAGE and HPLC analyses

#### Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

#### Formulation

Lyophilized in 10 mM potassium phosphate buffer pH 6.5.

#### Sequence

MAEAGITGTW YNQLGSTFIV TAGADGALTG TYESAVGNAE SRYVLTGRYD SAPATDGSGT ALGWTVAWKN NYRNAHSATT  
WSGQYVGGAE ARINTQWLLT SGTTEANAWK STLVGHDFTFT KVKPSAAS

#### Endotoxin

Less than 0.1 EU/μg of rStreptavidin as determined by LAL method.

#### Reconstitution

Dissolve with double distilled water

If you have any question on order please contact us via: [order@bt-laboratory.com](mailto:order@bt-laboratory.com); technical assistance please contact us via: [support@bt-laboratory.com](mailto:support@bt-laboratory.com) More product visit [www.bt-laboratory.com](http://www.bt-laboratory.com)

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