

## DATA SHEET

Versions: 01

Revision date: 26/02/2024

### 1. Identification

Product name: Recombinant Streptavidin

Volume: 1 mg

Cat. No.: MB7403

### 2. Description

Source: Recombinant streptavidin from *Streptomyces avidin*

<b>General characteristics</b>	
Host	E.coli
Specificity	(Extinction coefficient = 32. 1%. 280 nm)
Purity/Purification	Purity: >95% by SDS-page Purification: Ni column
Form/Format	Liquid; elution buffer (pH 7.2), 10% Glycerol
Concentration	1.0 mg/ml (lot specific)
Product Note	Molecular Weight Approx. 54,000 Da pH-stability pH 5.0 – 9.0
Structure	The protein is free of carbohydrate. The four subunits consisting of molecular weight of approx. 16,000 Da, each containing a single biotin-binding site. Each subunit has six tyrosine residues.
Applications	Streptavidin can be used for coating of solid phases (e.g., micro plates, beads etc.) as well as for use with biotin-labeled haptens and antibodies in universal immunological detection systems (streptavidin/biotin system).
Preparation and Storage	For long term storage, store at -20~-70 °C Avoiding freeze/thaw cycles.

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### 3. Kit Contents

Component	Cat. no	Quantity
Recombinant Streptavidin	MB78833	1 mg

### 4. Storage specifications

**None**

### 5. Applications

**None**

### 6. Assay Procedure

**None**

### 7. Safety

Please wear gloves when using this product. Avoid all skin contact with kit reagents. In case of contact, wash thoroughly with water.

### 8. Quality Certifications

**None**

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### 9. Further information

- Replacement or refund for products not performing as stated on data sheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement.

- This product is developed, designed, and sold exclusively only for research purposes use.
- The product was not tested for use in diagnostics or for drug development.
- It is not suitable for administration to humans or animals.

### 10. Other antibodies

#### monoclonal antibodies

Anti-CD3  
Anti-CD9  
Anti-CD9A  
Anti-CD34  
Anti-CD44  
Anti-CD63A  
Anti-CD69  
Anti-CDX2  
Anti-Her2  
Anti-Oct4  
Anti-Nanog  
Anti-Nestin antibody  
Anti-Toxoplasma gondii  
Anti-Vimentin  
Anti-c-Kit  
Anti-Ferritin  
Anti-Ki67

#### polyclonal antibodies

Anti-Human IgA  
Anti-Human IgD  
Anti-Human IgE  
Anti-Human IgG  
Anti-Nanog  
Sheep IgG  
Sheep anti-Mouse Ig  
Goat Anti-Human IgG  
Goat Anti-Human IgM  
Goat Anti-Rabbit IgG  
Goat Anti-Mouse IgG  
Mouse IgG2a  
Anti-beta Actin  
anti-CD133  
Rabbit IgG (Isotype Control)  
anti-CD133 (FITC)

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Mouse antibody

Anti-beta Actin

Mouse IgG1 (Isotype Control)

Mouse IgG (Isotype Control)

### Second antibodies

Sheep Anti-Rabbit Ig

Sheep Anti-Mouse IgG

Goat Anti-Rabbit IgG

Goat Anti-Mouse IgG

Streptavidin

Anti-beta Actin antibody

Rabbit Anti-Sheep Ig Antibody

Rabbit Anti-Mouse IgG2a

Rabbit Anti-Mouse IgG2b

Rabbit Anti-Mouse IgG3

Rabbit Anti-Human IgG

Rabbit Anti-Mouse IgG

Goat Anti-Human IgG

Sheep Anti-Rabbit IgG (FITC)

Sheep Anti-Mouse IgG (FITC)

Goat Anti-Rabbit IgG (FITC)

Goat Anti-Human IgG (FITC)

Goat Anti-Mouse IgG (FITC)

Goat Anti-Mouse IgG (PE)

### NOTE

All products have been manufactured by Tose zist fanavar Mellat Company in the Iran