

# Avidin Protein Recombinant Protein



RPPB2959

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## Product Information    Protein Information

**Product SKU:**

RPPB2959

**Accession:**

P02701

**Host:**

Hen's egg white.

**Protein description:**

Avidin is a glycosylated polypeptide chain having a molecular mass of 68kDa and containing 4 subunits each with a binding site for biotin. The Avidin is purified by affinity chromatographic techniques. The purification procedure ensures minimal contamination by other proteins or DNA. The resulting high activity and purity of the product gives very low non-specific binding (NSB).

**Appearance:**

Sterile Filtered white lyophilized powder.

**Synonyms:**

Avidin, AVD, AVID.

**Solubility:**

It is recommended to reconstitute the lyophilized Avidin in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml or more than 10mg/ml solutions.

**Stability:**

Lyophilized Avidin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Avidin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Biological Activity:**

14.6 units/mg protein, 1 unit binds 1µg biotin.