

# Avidin Recombinant Recombinant Protein



RPPB2829

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## Product Information    Protein Information

**Product SKU:**

RPPB2829

**Accession:**

P02701

**Host:**

Corn (Zea Mays).

**Protein description:**

Recombinant Avidin produced in Plants is a polypeptide chain having a molecular mass of 66kDa and 16kda per subunit. The Recombinant Avidin is purified by affinity chromatographic techniques.

**Appearance:**

Sterile Filtered white lyophilized powder.

**Synonyms:**

Avidin, AVD, AVID.

**Purity:**

Greater than 90% as visualized by SDS-PAGE.

**Solubility:**

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

**Stability:**

Lyophilized Recombinant Avidin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Recombinant 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:**

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