

32-3275: Avidin-Biotin Recombinant Protein

Alternative Name : Avidin,AVD,AVID.

Description

Source : Avidin is a basic charged glycoprotein present in the egg white and in some extent in tissues of various animals. Avidin is a homotetrameric protein that contains 4 identical subunits which bind to Biotin with high extent of affinity and specificity consisting of 128 amino acids and has a molecular mass of about 67K Daltons. Avidin-Biotin is a modified form of affinity purified avidin that combines the high affinity specific activity of the native egg white avidin to biotin molecule together with a very low background of the streptavidin produced by the bacteria *Streptomyces avidinii*.

Product Info

Amount : 10 mg
Content : Salt-free lyophilized powder with no preservative added.
Storage condition : Store protein solution at 2-8°C.

Application Note

We highly recommended to prepare a 1 mg/ml solution; Reconstitute using cold deionized pyrogen free water and mix gently until powder is completely dissolved. Binding activity of Avidin-Biotin is 10-15units/mg protein. One unit of Avidin activity is defined as the amount of protein which will bind 1 μ g d-biotin.

