

Streptavidin Agarose 6FF

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
Store at 4°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description

The streptavidin-biotin (SA-Biotin) is widely used in the biological field due to its extremely high binding affinity ($K = 10^{15}$). TargetMol Streptavidin Agarose 6FF is an affinity chromatography medium that links streptavidin to agarose beads, and can be used for the purification of biotin or biotinylated proteins, antibodies, etc. Because of the extremely high affinity between streptavidin and biotin, elution usually requires denaturing conditions. However, streptavidin has a lower affinity for iminobiotin, which can bind at pH 9.5-11.0 and be eluted at pH 4.0 without the use of denaturants, thus better preserving the activity of the streptavidin conjugates.

TargetMol's Streptavidin Agarose 6FF uses a highly cross-linked 6% agarose matrix, enabling it to withstand high flow rates and providing excellent chemical stability, making it particularly suitable for large-scale purification.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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