



# StrepCaptureXP Resin FF

## One-Step High-Purity Affinity Purification

GenScript's StrepCaptureXP Resin FF is a next-generation affinity chromatography medium designed for efficient and gentle purification. Featuring a genetically optimized streptavidin variant, the innovative StrepCaptureXP ligand, the resin offers high-affinity and high-specificity binding, even in complex biological lysates from mammalian, bacterial, or insect expression systems. The high dynamic binding capacity, along with mild and reversible elution conditions, ensures maximum recovery of biologically active proteins. This makes it ideal for applications requiring high purity and gentle conditions, such as the purification of membrane proteins, multi-subunit complexes, or therapeutic candidates.

### Key Features



**Excellent Binding Capacity**

10-30 mg/mL Resin



**Alkali-Resistant**

up to 100mM NaOH

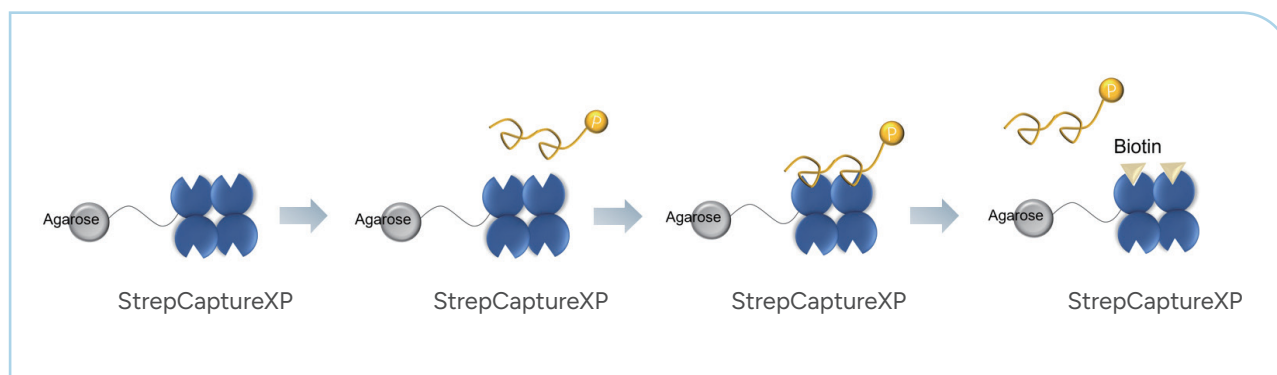


**100+ Cycles**  
of Regeneration



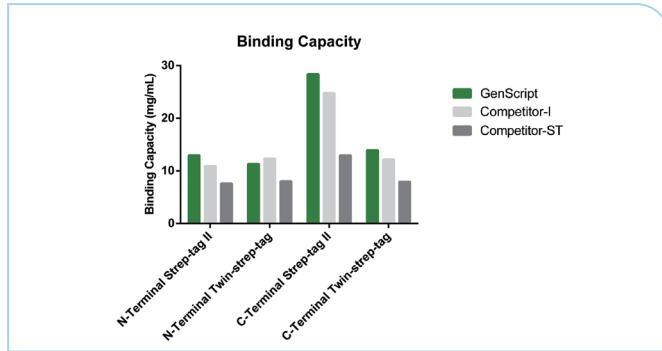
**Gentle Elution**  
Conditions to  
Protect Proteins

### Workflow



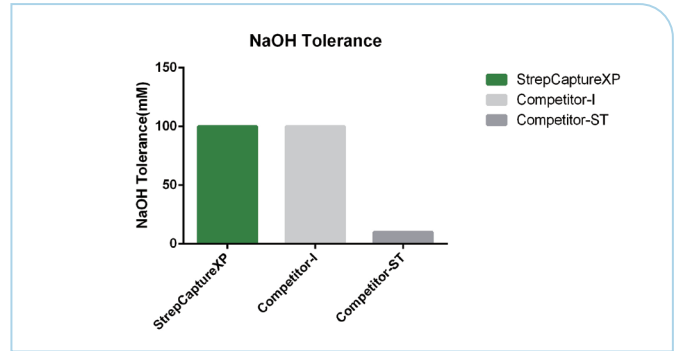
# Comparison Data

## Excellent Binding Capacity



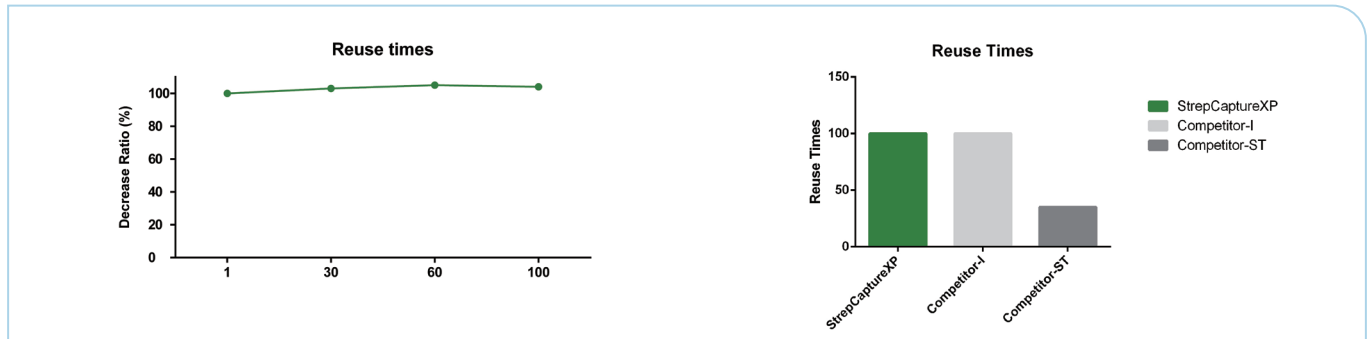
GenScript's StrepCaptureXP Resin FF exhibits excellent binding capacity in various protein samples!

## High Alkaline Tolerance



GenScript StrepCaptureXP Resin FF is compatible with regeneration using 100 mM NaOH, effectively minimizing the risk of contaminant residue!

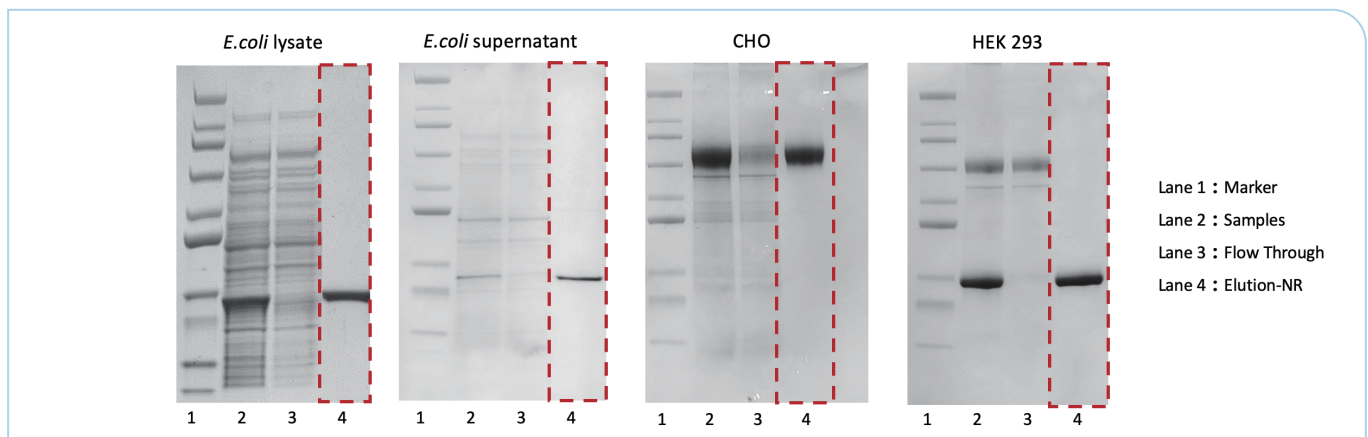
## 100+ Cycles of Regeneration



GenScript's StrepCapture XP Resin FF can be reused over 100 times with consistent binding performance!

# Application Data

GenScript StrepCaptureXP Resin FF has been successfully applied to samples from different expression systems



GenScript's StrepCapture XP Resin FF is suitable for the purification of various types of samples, and results show that the purity is consistently over 95%!

### Terms of Use

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