

## Data Sheet

# Strep-Tactin®

Cat. No.: 2-1204-001, 2-1204-005

Version: 5.0  
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<b>Description</b>	Strep-Tactin® is a streptavidin variant, which can be utilized for coating of different surfaces. It is optimized for the binding of Strep-tag®II and Twin-Strep-tag® fusion proteins but still maintains the ability to capture biotinylated targets. Therefore, it can be used for assay development and protein interaction studies, including experiments such as proximity-dependent biotin identification (BioID).
<b>Form</b>	lyophilized from 25 mg/ml solution in 10 mM potassium phosphate buffer pH 6.5
<b>Amount</b>	2-1204-001: 1 mg; 2-1204-005 5 mg
<b>Extinction coefficient per subunit</b>	$\epsilon_{280} = 35600 \text{ M}^{-1}\text{cm}^{-1}$
<b>MW per subunit</b>	13342 Da
<b>Stability (lyophilized)</b>	6 months after shipping
<b>Storage (lyophilized)</b>	Recommended: -25 to -15 °C
<b>Shipping</b>	Room temperature
<b>Reconstitution</b>	Dissolve with water
<b>Hazards</b>	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
<b>Application</b>	Generation of Strep-Tactin® coated surfaces (microplates, beads) or detection reagents conjugated with, e.g., fluorescent dyes.

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