

Data Sheet

Strep-Tactin®

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

Version: 5.0
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Description	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).
Form	lyophilized from 25 mg/ml solution in 10 mM potassium phosphate buffer pH 6.5
Amount	2-1204-001: 1 mg; 2-1204-005 5 mg
Extinction coefficient per subunit	$\epsilon_{280} = 35600 \text{ M}^{-1}\text{cm}^{-1}$
MW per subunit	13342 Da
Stability (lyophilized)	6 months after shipping
Storage (lyophilized)	Recommended: -25 to -15 °C
Shipping	Room temperature
Reconstitution	Dissolve with water
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Application	Generation of Strep-Tactin® coated surfaces (microplates, beads) or detection reagents conjugated with, e.g., fluorescent dyes.

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