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## Data Sheet

# Strep-Tactin<sup>®</sup> Magnetic Microbeads

Cat. No.: 6-5510-050

Version: 10.4  
Revision Date: 25.01.2021

<b>Description</b>	Strep-Tactin <sup>®</sup> covalently linked to magnetic microbeads suitable for cell isolation.
<b>Form</b>	Suspension in Dulbecco's phosphate buffered saline (DPBS) without Ca & Mg, contains KCl and 0.1% sodium azide; pH 7.0 – 7.5
<b>Amount</b>	750 µl
<b>Microbead size</b>	1-3 µm
<b>Stability</b>	6 months after shipping; handle under <b>sterile</b> conditions.
<b>Storage</b>	2-8 °C; <b>Do not freeze!</b>
<b>Shipping</b>	Blue ice
<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>	Strep-Tactin <sup>®</sup> covalently linked to magnetic microbeads is suitable for isolating antigen-specific cytotoxic T cells (MHC I Streptamer <sup>®</sup> ) or surface marker-specific cells (Fab-TACS <sup>®</sup> /Nano-TACS <sup>®</sup> ) based on our Strep-tag <sup>®</sup> technology. For this purpose, Strep-Tactin <sup>®</sup> Magnetic Microbeads have to be combined with Twin-Strep-tag <sup>®</sup> -containing MHC I complexes (MHC I-Streps) or low affinity Fab fragments/nanobodies (Fab-Streps/Nano-Streps). Biotin causes the dissociation of all reagents from the cells, yielding label-free populations for unbiased further use.
<b>Recommended usage</b>	15 µl per 1 x 10 <sup>7</sup> total cells (spin down briefly to collect droplets from tube caps prior to usage).

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