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Data Sheet

Strep-Tactin[®] Magnetic Microbeads

Cat. No.: 6-5510-050

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Description	Strep-Tactin [®] covalently linked to magnetic microbeads suitable for cell isolation.
Form	Suspension in Dulbecco's phosphate buffered saline (DPBS) without Ca & Mg, contains KCl and 0.1% sodium azide; pH 7.0 – 7.5
Amount	750 µl
Microbead size	1-3 µm
Stability	6 months after shipping; handle under sterile conditions.
Storage	2-8 °C; Do not freeze!
Shipping	Room temperature
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Application	Strep-Tactin [®] covalently linked to magnetic microbeads is suitable for isolating antigen-specific cytotoxic T cells (MHC I Streptamer [®]) or surface marker-specific cells (Fab-TACS [®] /Nano-TACS [®]) based on our Strep-tag [®] technology. For this purpose, Strep-Tactin [®] Magnetic Microbeads have to be combined with Twin-Strep-tag [®] -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.
Recommended usage	15 µl per 1 x 10 ⁷ total cells (spin down briefly to collect droplets from tube caps prior to usage).

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