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Data Sheet

Strep-Tactin® TACS Agarose 50% suspension

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Description	Strep-Tactin® (1-2 mg/ml resin)-coated agarose developed for the isolation of cells (Traceless affinity cell selection – TACS).
Support	Cross-linked agarose
Form	50 % suspension in buffer: Phosphate buffered saline (PBS), 1 mM EDTA, 0.01% sodium azide.
Biotin binding activity	> 40 nmol/ml resin
Stability	6 months after shipping
Storage	Recommended: 2-8 °C
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	Suitable for packing columns for positive cell selection according to our Traceless Affinity Cell Selection (Fab-TACS®/Nano-TACS®) or MHC I-Streptamer® approaches based on our Strep-tag® technology. Twin-Strep-tagged Fab fragments (Fab-Streps), nanobodies (Nano-Strep) or MHC I-peptide complexes (MHC I-Streps) as well as Twin-Strep-tagged, desthiobiotinylated or biotinylated (irreversible binding) antibodies are possible capture proteins that immobilize cells inside the column. Negative cell selection and depletion are also an option.
Elution	1 mM biotin in Buffer CI (PBS containing 1 mM EDTA and 0.5% BSA)

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