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Data Sheet

Strep-Tactin[®] TACS Agarose 50% suspension

Cat. No.: 6-6350-002, 6-6350-010, 6-6350-025

Version: 1.0
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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, pH 8: 100 mM Tris-HCl pH 8.0, 1 mM EDTA, 150 mM NaCl, 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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