



Compatible reagents for Strep-Tactin® 4Flow® high capacity resin

Indicated detergent concentrations refer to the actual tested values (does not correspond to the maximum value). Reagent compatibility was tested with Twin-Strep-tag® fusion proteins.

Reagent		Concentration
Reducing Agents		
DTT		50 mM
TCEP		1 mM
β-Mercaptoethanol		50 mM
Non-Ionic Detergents		
Dodecyl-β-D-maltoside	DM	1 %
Igepal Ca-630/Nonidet P40	NP40	0.5 %
Tergitol™		2 %
Tween®20		2 %
Ionic Detergents		
Sodium-N-dodecyl sulfate	SDS	Not compatible
Zwitter-Ionic Detergents		
3-[(3-cholamidopropyl)dimethylammonio]-1-propanesulfonate	CHAPS	Not compatible
Others		
DMSO		10 %
EDTA		100 mM
Ethanol		10 %
Glycerol		22 %
Imidazole		500 mM
KCl		3 M
MgCl ₂		1.5 M
NaCl		5 M
PMSF (Protease Inhibitor)		1 mM
Urea		2 M
Buffers		
HEPES		50 mM
Tris-HCl (pH 8)		2 M
MOPS (pH 7)		20 mM
Phosphate buffered saline (pH 7.4)	PBS, Dulbecco's Phosphate Buffered Saline	1x