

MATERIAL DATA SHEET**SUMO3 Agarose, *human recombinant*****Cat. # UL-765**

SUMO3 covalently coupled to agarose beads via primary amines allowing for a fully functional C-terminus. Useful for isolation and capture of SUMO3 interacting proteins such as the SUMO activating E1 enzyme, the SUMO carrier enzyme Ubch9, SUMO E3 ligases, SENPs and other proteins/enzymes that have an affinity for SUMO proteins.

Product Information

Quantity:	0.5 ml
Stock:	0.5 ml of SUMO3 agarose is supplied in a 1 ml total volume of 50 mM Hepes pH 7.5, 250 mM NaCl.

Use & Storage

Use:	Equilibrate resin by washing with 5-10 ml desired start buffer. Binding and elution of material is dependent on individual experimental conditions.
Storage:	The agarose can be re-used for at least 5-10 applications if properly maintained. After use, clean resin with 5 ml 50 mM Tris pH 9.0, 1 M KCl. Remove cleaning solution by washing resin with 5 ml storage buffer. Resin should be stored at 4°C and 0.01% sodium azide can be added as a bacteriostatic agent. DO NOT FREEZE.

Literature

References:	Desterro J.M., <i>et al.</i> (1997) <u>FEBs. Lett.</u> 417 :297-300 Dohmen R.J. (2004) <u>Biochem. Biophys. Acta.</u> 1695 :113-131 Li T., <i>et al.</i> (2006) <u>Arch.Biochem.Biophys.</u> 453 :68-72 Rodriguez M.S <i>et al.</i> (2001) <u>J. Biol. Chem.</u> 276 :12654 Su H-L., <i>et al.</i> (2002) <u>Gene</u> 296 :65-73 Tatham M.H., <i>et al.</i> (2001) <u>J. Biol. Chem.</u> 276 :35368-35374
--------------------	--

For Laboratory Research Use Only, Not For Use in Humans