

MATERIAL DATA SHEET**SUMO2-agarose, human recombinant****Cat. # UL-755**

SUMO2 covalently coupled to agarose beads via primary amines allowing for a fully functional C-terminus. Useful for isolation and capture of SUMO2 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:	SUMO2 coupled to agarose at 5 mg/ml resin (0.45 mM). Resin supplied in 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 5ml 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
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