

MATERIAL DATA SHEET**ISG15 Agarose, human recombinant****Cat. # UL-630**

ISG15 covalently coupled to agarose beads via primary amines allowing for a fully functional C-terminus. Useful for isolation and capture of ISG15 interacting proteins such as the ISG15 activating E1 enzyme, the ISG15 carrier enzyme Ubch8, ISG15 E3 ligases, UBP43 (USP18) and other proteins/enzymes that have an affinity for ISG15 protein.

Product Information

Quantity:	0.5 ml
Stock:	0.5 ml of ISG15 agarose is supplied in 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. Resin should be stored at 4°C, and 0.01% sodium azide can be added as a bacteriostatic agent. DO NOT FREEZE

Literature

References:	Dao C.T. and Zhang D-E (2005) <u>Frontiers. Biosc.</u> 10 : 2710-2722 D'Cunha J. <i>et al.</i> , (1996) <u>Proc. Natl. Acad. Sci.</u> 93 :211-215 Jentsch S. and Pyrowolakis G. (2000) <u>Tren. Cell. Biol.</u> 10 :335-342 Kim K.I. and Zhang D. (2003) <u>Biochem. Biophys. Res. Comm.</u> 307 :431-434 Liakopoulos D., <i>et al.</i> , (1998) <u>EMBO J.</u> 17 :2208-2214 Muller S. <i>et al.</i> , (2001) <u>Nat. Rev. Mol. Cell. Biol.</u> 2 :202-210 Owhashi M. <i>et al.</i> (2003) <u>Biochem. Biophys. Res. Comm.</u> 309 :533-539 Potter J.L. <i>et al.</i> (1999) <u>J. Biol Chem.</u> 267 :25061068
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