

MATERIAL DATA SHEET**GATE-16/Apg8p2 Agarose, human recombinant**
Cat. # UL-425

GATE-16 covalently coupled to agarose beads via primary amines allowing for a fully functional C-terminus. Useful for isolation and capture of GATE-16 interacting proteins and/or enzymes that have an affinity for this ubiquitin-like protein. These include the Apg8 E1 activating enzyme Apg7, the Apg8 conjugating enzyme Apg3, Apg8 processing enzyme Apg4 and other autophagy pathway proteins and enzymes.

Product Information

Quantity:	0.5 ml
Stock:	0.5 ml GATE-16/Apg8p2 agarose is supplied in 1 ml total volume of 50 mM Hepes pH 8.0, 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 by washing with 5 ml 50 mM Hepes pH 8.0, 1 M NaCl. Remove cleaning solution by washing resin with 10 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:	Becher P. <i>et al.</i> (2002) <u>J. Virol.</u> 76 : 13069-13076
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	Sagiv Y. <i>et al.</i> (2000) <u>EMBO J.</u> 19 : 1494-1504
	Scherz-Shouval R. <i>et al.</i> (2003) <u>J. Biol. Chem.</u> 278 : 14053-14058
	Tanida I. <i>et al.</i> (2002) <u>J. Biol. Chem.</u> 277 : 13739-13744
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