

N-hydroxysuccinimide ester 15 resin

Cat. No. N-hydroxysuccinimide ester-5A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The N-hydroxysuccinimide ester 15 resin is activated immunoaffinity supports that offer rapid, high efficiency coupling for all ligands with a primary amino group, including proteins throughout the entire range of pIs and low molecular weight compounds such as peptides. The resin supports are N-hydroxysuccinimide esters of a derivatized crosslinked agarose gel bead support, and both couple to ligands spontaneously in aqueous or non-aqueous solution.
Cat.no	N-hydroxysuccinimide ester-5A
Description	The resin support contains a cationic charge in its 15-atom spacer arm which significantly enhances coupling efficiency for acidic proteins at physiological pH.
Matrix	Cross-linked agarose
Functional group	N-hydroxysuccinimide ester
Average particle size	75-300 µm
Dynamic binding capacity	up to 35 mg protein per ml
Recommended flow rate	15-25 cm/h
Chemical stability	Stable in alcohols, DMSO, dioxane, formamide

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pH CIP range	3-10
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Storage	If the resin is stored at -20 °C it retains at least 80% of original activity for at least 1 year. Storing at -70 °C will extend the shelf life further.
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