

N-hydroxysuccinimide ester 10 resin

Cat. No. N-hydroxysuccinimide ester-4A **Lot. No.** (See product label)

SPECIFICATION

Product Overview

The N-hydroxysuccinimide ester 10 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.

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Description

The resin contains a neutral 10-atom spacer arm, has been used to couple a variety of materials in affinity chromatography, immunoadsorption, and other techniques.

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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