

V5 CoIP Agarose

Cat. No. V5-01A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Immunoprecipitation of V5-tagged proteins and their interacting factors with anti-V5 Nanobody conjugated to beads. • No heavy & light antibody chains in downstream applications • Very low background • Effective elution with V5-peptide • Stable under harsh washing conditions • Efficient Immunoprecipitation of V5-tag fusion proteins
Specificity/Target	V5-tag sequence GKIPNPLLGLDST at the N-terminus, C-terminus, or internal site of the fusion protein.
Binding capacity	15 µg of recombinant V5-tagged protein (~30 kDa) per 25 µL bead slurry
Conjugate	Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)
Elution buffer	V5-peptide SDS sample buffer 0.2 M glycine pH 2.5
Wash buffer compatibility	2 % Nonidet P40 Substitute, 2 % Triton X-100, 1 M NaCl, 5 mM TCEP, 5 mM DTT, 10 mM β-mercaptoethanol, 4 M Urea
Type	Nanobody
Affinity (KD)	Dissociation constant KD of 40 nM

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Storage Buffer	20% ethanol
Applications	IP, CoIP, ChIP, RIP, Protein purification
Storage	Upon receipt store at +4°C. Do not freeze!

Western Blot

