

V5 Magnetic CoIP Agarose

Cat. No. V5-02A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Immunoprecipitation of V5-tagged proteins and their interacting factors with anti-V5 Nanobody conjugated to beads. • Fast, reliable & efficient one-step immunoprecipitation • Ready-to-use • No heavy & light antibody chains • Stable under harsh washing conditions • Suitable for downstream mass spec analysis
Specificity/Target	V5-tag sequence GKIPNPLLGLDST at the N-terminus, C-terminus, or internal site of the fusion protein.
Binding capacity	17.5 µg of recombinant V5-tagged protein (~30 kDa) per 25 µL bead slurry
Conjugate	Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic 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

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Affinity (KD)	Dissociation constant KD of 40 nM
Storage Buffer	20% ethanol
Applications	IP, CoIP, ChIP, RIP, Protein purification
Storage	Upon receipt store at +4°C. Do not freeze!

Western Blot

