

## V5 Magnetic CoIP Agarose kit

**Cat. No.** V5-04A    **Lot. No.** (See product label)

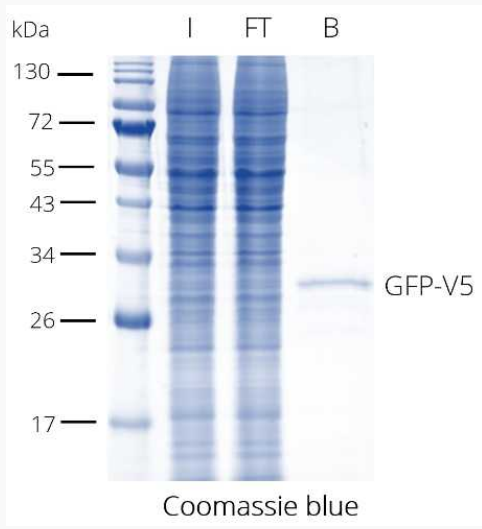
### SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <b>Product Overview</b>          | <p>The V5-Trap Magnetic Agarose Kit contains V5-Trap Magnetic Agarose, lysis, wash, and elution buffers for efficient immunoprecipitation of V5-tagged proteins and their interacting factors.</p> <ul style="list-style-type: none"> <li>• Fast, reliable &amp; efficient one-step immunoprecipitation</li> <li>• Ready-to-use</li> <li>• No heavy &amp; light antibody chains on the SDS-PAGE</li> <li>• Stable under harsh washing conditions</li> <li>• Suitable for downstream mass spec analysis</li> </ul> |
| <b>Specificity/Target</b>        | V5-tag sequence GKIPNPLLGLDST at the N-terminus, C-terminus, or internal site of the fusion protein.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Binding capacity</b>          | 17.5 µg of recombinant V5-tagged protein (~30 kDa) per 25 µL bead slurry                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Conjugate</b>                 | Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic agarose beads)                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Elution buffer</b>            | V5-peptide<br>SDS sample buffer<br>0.2 M glycine pH 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Wash buffer compatibility</b> | 2 % Nonidet P40 Substitute, 2 % Triton X-100, 1 M NaCl, 5 mM TCEP, 5 mM DTT, 10 mM β-mercaptoethanol, 4 M Urea                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Type</b>                      | Nanobody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|-----------------------|-------------------------------------------------------------------------------------|
| <b>Affinity (KD)</b>  | Dissociation constant KD of 40 nM                                                   |
| <b>Storage Buffer</b> | 20% ethanol                                                                         |
| <b>Applications</b>   | IP, CoIP, ChIP, RIP, Protein purification                                           |
| <b>Western Blot</b>   |  |