

# DYKDDDDK Fab CoIP Agarose Kit

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

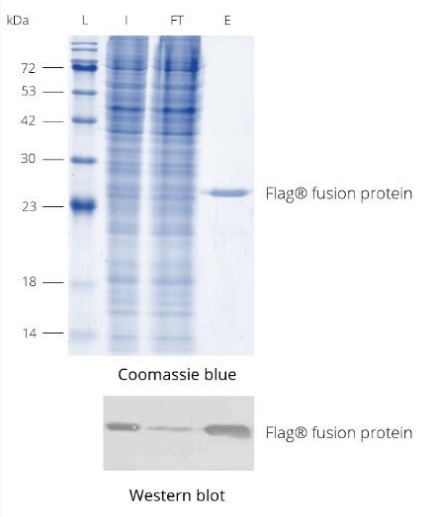
## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b>          | <p>The DYKDDDDK Fab-Trap Agarose Kit contains DYKDDDDK Fab-Trap Agarose, lysis, wash, and elution buffers for efficient immunoprecipitation of Flag-tagged proteins and their interacting factors.</p> <ul style="list-style-type: none"> <li>• Lowest background in class</li> <li>• Less contaminating antibody chains</li> <li>• Recombinantly expressed Fab-fragment derived from M2 clone</li> <li>• Compatible with harsh buffer conditions</li> <li>• Ready-to-use</li> </ul> |
| <b>Specificity/Target</b>        | <p>The DYKDDDDK Fab-Trap™ Agarose specifically binds to 1x and 3xDYKDDDDK-tag sequence (1x and 3xFlag-tag). It binds to same epitope as Sigma's Anti-FLAG M2 Antibody and is compatible with N-, C-terminal or internal tagging.</p>                                                                                                                                                                                                                                                 |
| <b>Binding capacity</b>          | <p>12.5 - 15 µg of recombinant 3xDYKDDDDK-tagged protein (~30 kDa) per 25µL bead slurry</p>                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Conjugate</b>                 | <p>Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)</p>                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Elution buffer</b>            | <p>3xDYKDDDDK-peptide<br/>SDS sample buffer<br/>0.2 M glycine pH 2.5</p>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Wash buffer compatibility</b> | <p>0.5 % Nonidet P40 Substitute, 5 % Tween™ 20, 2 M NaCl, 10 mM TCEP, 10 mM DTT, 10 mM β-mercaptoethanol, 2 M Urea</p>                                                                                                                                                                                                                                                                                                                                                               |

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|-----------------------|-------------------------------------------------------------------------------------|
| <b>Type</b>           | Fab-fragment                                                                        |
| <b>Storage Buffer</b> | 1x PBS, Preservative: 0.09 % sodium azide                                           |
| <b>Applications</b>   | IP, CoIP, ChIP, RIP, Protein purification                                           |
| <b>Western Blot</b>   |  |