

## GST fusion protein purification magnetic beads

**Cat. No.** GST-03A    **Lot. No.** (See product label)

### SPECIFICATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>                         | GST fusion protein purification magnetic beads are a new type of functionalized material specially designed for the efficient and rapid purification of glutathione S-transferase (GST) fusion proteins. They can directly purify high-purity target proteins from biological samples in one step through magnetic separation, greatly simplifying the purification process and improving the purification efficiency. It is suitable for the convenient purification of GST fusion proteins in scientific research and industrial fields. |
| <b>Particle size</b>                            | 30μm150μm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>The binding amount of GST fusion protein</b> | Magnetic beads up to 10mg/mL (100%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Suspension concentration</b>                 | 10%(v/v)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Ligand content</b>                           | 20-30 μmol/mL (100% magnetic beads)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage buffer</b>                           | 20%(v/v) ethanol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>                                  | 4°C to 30°C (For long-term storage, it is recommended to keep at 4°C to 8°C).                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Chemical stability</b>                       | It can withstand 70% ethanol, 6M guanidine hydrochloride, 0.1M sodium hydroxide and 0.1M acetic acid for 1 hour at room temperature.                                                                                                                                                                                                                                                                                                                                                                                                       |

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UniProt ID-Weblink <https://www.uniprot.org/uniprot/>

## GENE INFORMATION

Gene Name [gst glutathione S-transferase Gst \[ Cupriavidus necator N-1 \]](#)

Official Symbol [GST](#)

Synonyms GST; glutathione S-transferase Gst; EC 2.5.1.18;

Gene ID [10916406](#)

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