

## GST Protein with multiple tags

<b>Catalog Number:</b>	603901, 603902, 603903, 603904
<b>Size:</b>	25 ug, 100 ug, 500 ug, 1 mg
<b>Target Name:</b>	GST with multiple tags protein (Myc-Avi-V5-DYKDDDDK-HA-His)
<b>Regulatory Status:</b>	RUO

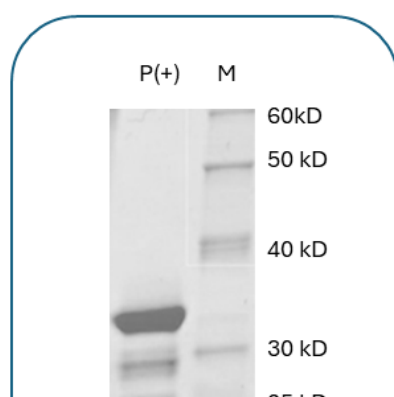
### PRODUCT DETAILS

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<b>Application:</b>	ELISA, BLI
<b>Format:</b>	Liquid, Purified
<b>Expression Host:</b>	E.coli
<b>Species:</b>	Schistosoma japonicum
<b>Sources:</b>	Recombinant GST protein with multiple tags (Myc-Avi-V5-FLAG-HA-His) at C-terminus is expressed in E.coli system.
<b>Molecular Weight:</b>	This protein has a predicted molecular weight of 35.9 kDa. Under DTT-reducing conditions, the protein migrates at approximately 35 kDa on SDS-PAGE. The smaller band below 30 kDa might correspond to the early translational termination product.
<b>Affinity Tag:</b>	C-Myc-Avi-V5-DYKDDDDK-HA-His
<b>Purity:</b>	>90% based on SDS-PAGE under reducing condition
<b>Formulation:</b>	1xPBS buffer, pH7.4, 0.22 µm filtered
<b>Endotoxin level:</b>	Not tested
<b>Protein Concentration:</b>	25µg size is bottled at 0.2mg/mL concentration. 100 µg size is supplied at a lot-specific concentration.
<b>Storage and Handling:</b>	Briefly centrifuge the vial upon receipt. An unopened vial can be stored at 4°C for up to 2 weeks, or at -20°C or below for up to six months. The protein may be further diluted to 0.1 mg/mL using 0.22 µm-filtered PBS buffer (pH 7.4). For long-term storage, the diluted stock solution should be aliquoted and stored at ≤ -70°C to minimize freeze-thaw cycles. If additional dilution is required, carrier proteins such as FBS or BSA should be added to maintain protein stability.

### PRODUCT DATA

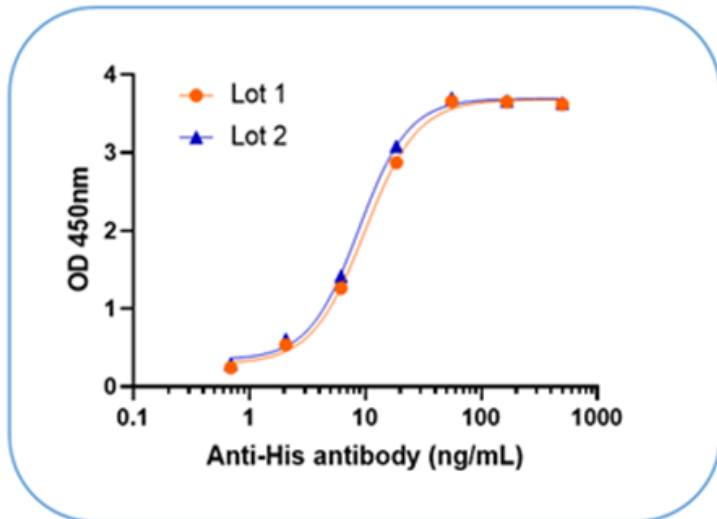
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GST Protein with multiple tags on SDS-PAGE under reducing conditions. The gel was stained for 1 hour with BlinkBlue Protein Staining Buffer (Catalog 700102). The purity of this protein appears to be greater than 90%. Some low molecular

weight bands below 30 kDa were observed, which may correspond to early translational termination products.

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Two different lots of GST Protein with multiple tags are coated at 100 ng/mL (10ng/well). Anti-His tag antibody (clone BR20M03, catalog # 300601) can detect the His tagged protein. For ELISA assay this antibody can be used at 0.1ug/mL as the detection antibody. Anti-mouse HRP is used here for detection.

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