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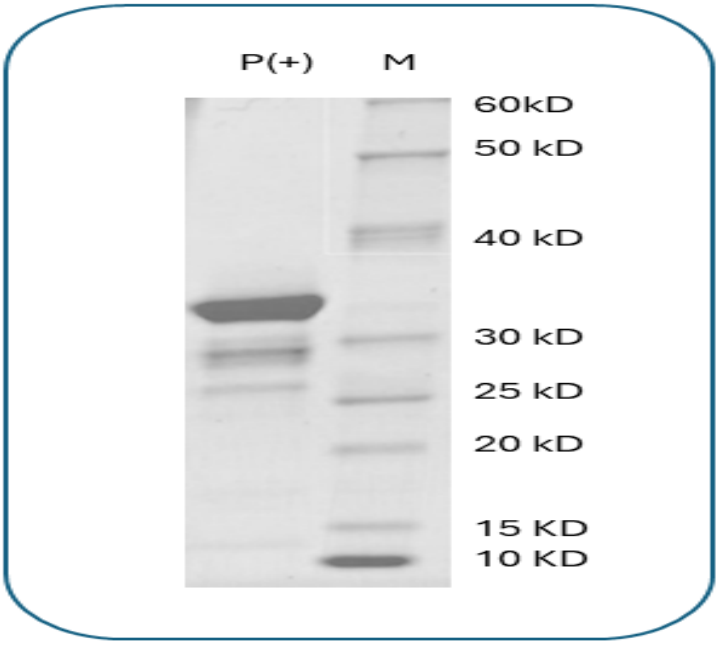
GST Protein with multiple tags

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

PRODUCT DETAILS

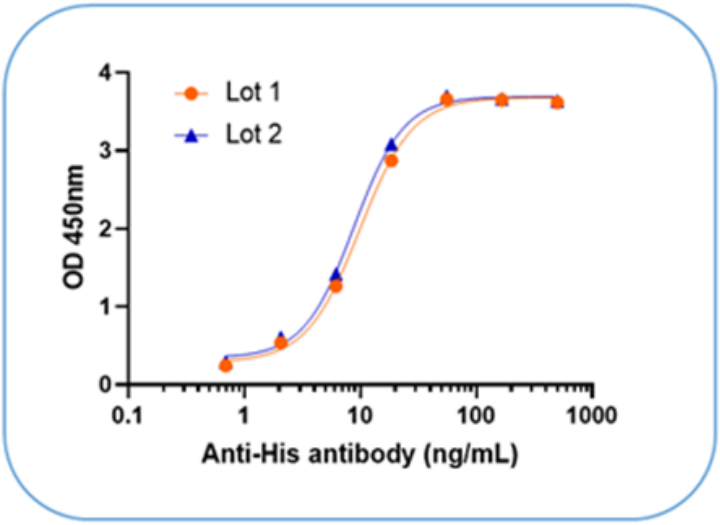
Application:	ELISA, BLI
Format:	Liquid, Purified
Expression Host:	E.coli
Species:	Schistosoma japonicum
Sources:	Recombinant GST protein with multiple tags (Myc-Avi-V5-FLAG-HA-His) at C-terminus is expressed in E.coli system.
Molecular Weight:	This protein has a predicted molecular weight of 35.9 kDa. 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.
Affinity Tag:	C-Myc-Avi-V5-DYKDDDDK-HA-His
Purity:	>90% based on SDS-PAGE under reducing condition
Formulation:	1xPBS buffer, pH7.4, 0.22 μm filtered
Endotoxin level:	Not tested
Protein Concentration:	25μg size is bottled at 0.2mg/mL concentration. 100 μg size is supplied at a lot-specific concentration.
Storage and Handling:	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



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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