

Certificate of Analysis

Order Number: M0101
Type: Recombinant protein
Protein Name: Multiple Tag (Purified)
Shipping Conditions: Dry Ice
Lot Number: P1HH001

Package: 200 µg/tube
Purity: About 95%, estimated by densitometric analysis of the Coomassie Blue-stained SDS-PAGE gel under reducing conditions
Formulation: Sterile-filtered and lyophilized from 50 mM Tris-HCl, 300 mM NaCl, 100 mM imidazole, pH 8.0.
Reconstitution: Reconstitute the lyophilized protein in sterile ddH₂O to a final concentration of 1 µg/µl as determined by Bradford Assay.
Storage and Handling: Lyophilized protein should be stored at -20°C, reconstituted protein solution can be stored at -80°C, please prevent freeze-thaw cycles.

Caution

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

SDS-PAGE & Western blot Analysis:

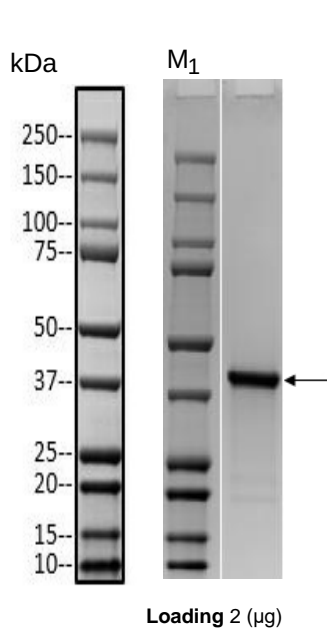


Fig.1 SDS-PAGE analysis of Multiple Tag (Purified)

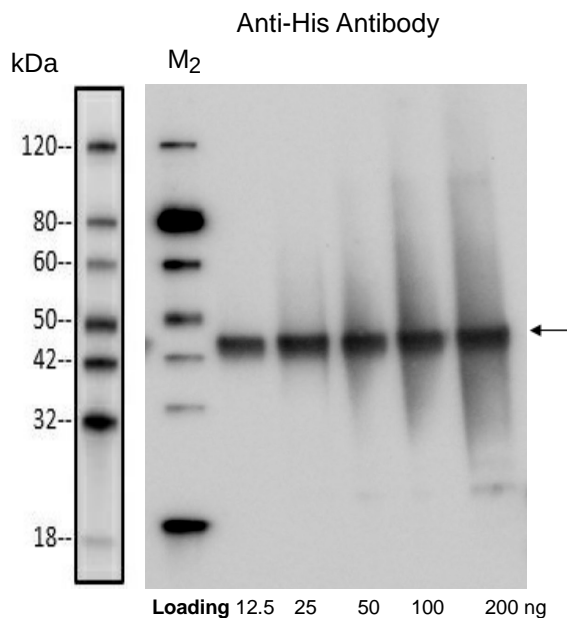


Fig.2 Western Blot analysis of Multiple Tag (Purified)

The SDS-PAGE was run on 4%~20% gradient gel, followed by Coomassie Blue staining

Protein Marker M₁: Bio-rad, Cat.No.1610374S, refer to annotated key on the left for size

Protein Marker M₂: GenScript, Cat. No. M00673, refer to annotated key on the left for size

Anti-His Antibody: GenScript, Cat. No. A00186

Certified by: *Yujie Liu* Date: 08/26/2022

Recombinant Protein Services

Protein Expression & Purification

Bacterial Expression System

BacPower™ Guaranteed Package

- Gene synthesis is included in the package – no additional cost to you.
- Guarantees the amount of custom protein – no cost to you if project fails.
- Guarantees the purity of custom protein – no cost to you if desired purity is not achieved.
- Fast turnaround time - as little as 6 weeks.

For more details, please visit:

<http://www.genscript.com/guaranteed-bacterial-protein-expression-services.html>

Mammalian Expression System

MamPower™ Guaranteed Protein Package

Guaranteed expression of recombinant proteins in mammalian cells.

- 3 mg protein guaranteed or no cost to you.

For more details, please visit:

http://www.genscript.com/bioprocess_promotion_p.html

MamPower™ Guaranteed Antibody Package

Guaranteed expression of recombinant antibodies in mammalian cells.

- 50 mg antibody guaranteed or no cost to you.

For more details, please visit:

http://www.genscript.com/bioprocess_promotion_a.html

Baculovirus Expression System

InsectPower™ Guaranteed Protein Package

- Gene Synthesis and Subcloning included.
- Fast turnaround time: as soon as 12 weeks .
- 1mg guaranteed protein with $\geq 75\%$ purity or no cost to you.

For more details, please visit:

http://www.genscript.com/insectpower_guaranteed_protein_package.html

Expression Evaluation & Optimization

Systems: *E.coli* , Baculovirus/Insect, Mammalian

- Evaluate whether your target protein expresses in your chosen expression system.
- Identify the construct and conditions that gives you the most robust soluble expression of your target protein.
- Identify the best expression system for your target protein.

For more details, please visit:

http://www.genscript.com/protential_protein_expression_evaluation_services_pr.html

Stable Cell Line Development Service

Stable Cell Line Development Services for recombinant protein and antibody production

For more details, please visit

<http://www.genscript.com/production-stable-cell-lines.html>

Large-Scale Protein Production Service

Capabilities of Different Expression Systems

Bacteria	Yeast	Insect Cells	Mammalian Cells
2,000L	2,000L	100L	500L
Fermentor	Fermentor	Wave™ Mixer	Wave™ Mixer

For more details, please visit:

http://www.genscript.com/custom_protein_large_scale_expression_purification.html