

Recombinant Full Length Influenza A Virus Matrix Protein 2(M) Protein, His-Tagged

Cat. No. RFL18201IF **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Full Length Influenza A virus Matrix protein 2(M) Protein (Q77W49) (1-97aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Influenza A virus (strain A/Turkey/Oregon/1971 H7N3) |
| Source | E.coli |
| ProteinLength | Full Length (1-97) |
| Form | Lyophilized powder |
| AA Sequence | MSSLTEVETPTRNGWECKCSDSSDPLVIAASIIGILHLILWILDRLFFKCIYRRLKYGLK RGPSTEGVPESMREEYRQEQQSAVDVDDGHFVNIELE |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

| | |
|-------------------|--|
| Gene Name | M |
| Synonyms | M; Matrix protein 2; Proton channel protein M2 |
| UniProt ID | Q77W49 |

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