

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

**Cat. No.** RFL8598IF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Influenza A virus Matrix protein 2(M) Protein (Q0A447) (1-97aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Influenza A virus (strain A/Duck/Germany/1949 H10N7)
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-97)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	M <sup>S</sup> L <sup>L</sup> L <sup>T</sup> E <sup>V</sup> E <sup>T</sup> P <sup>T</sup> R <sup>N</sup> G <sup>W</sup> E <sup>C</sup> R <sup>C</sup> S <sup>D</sup> S <sup>S</sup> D <sup>P</sup> L <sup>V</sup> I <sup>A</sup> A <sup>S</sup> I <sup>I</sup> G <sup>I</sup> L <sup>H</sup> L <sup>I</sup> L <sup>W</sup> I <sup>L</sup> D <sup>R</sup> L <sup>F</sup> F <sup>K</sup> C <sup>I</sup> Y <sup>R</sup> R <sup>I</sup> K <sup>Y</sup> G <sup>L</sup> K <sup>R</sup> R <sup>G</sup> P <sup>S</sup> T <sup>E</sup> G <sup>V</sup> P <sup>E</sup> S <sup>M</sup> R <sup>E</sup> E <sup>Y</sup> R <sup>Q</sup> E <sup>Q</sup> S <sup>A</sup> V <sup>D</sup> V <sup>D</sup> D <sup>S</sup> H <sup>F</sup> V <sup>N</sup> I <sup>E</sup> L <sup>E</sup>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	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**

<b>Gene Name</b>	M
<b>Synonyms</b>	M; Matrix protein 2; Proton channel protein M2
<b>UniProt ID</b>	<a href="#">Q0A447</a>

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