

# Recombinant Full Length *Coccidioides Immitis* Vacuolar Atpase Assembly Integral Membrane Protein Vma21(Vma21) Protein, His-Tagged

**Cat. No.** RFL544CF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length <i>Coccidioides immitis</i> Vacuolar ATPase assembly integral membrane protein VMA21(VMA21) Protein (Q1DPX9) (1-127aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| <b>Species</b>          | <i>Coccidioides immitis</i>  |
| <b>Source</b>           | <i>E. coli</i>   |
| <b>ProteinLength</b>    | Full Length (1-127)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MATRRNPTKESITTSPPPDQQPRQPGELEHREAIQLRDLPGYPQQVLWKLIIYSIAVL<br>VL PLSAYFYSVNYVFDGNTTYAGATAAITANLILFSYIVVAMREDKGDQEQLREQQQ<br>LRGNK EETKKMK  |
| <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.   |

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**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**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** VMA21

**Synonyms** VMA21; CIMG\_07634; Vacuolar ATPase assembly integral membrane protein  
VMA21

**UniProt ID** [Q1DPX9](#)

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