

## Recombinant *P. falciparum* PfLDH Protein, His-tagged

**Cat. No.** PfLDH-738P    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant PfLDH (XP_001349989.1) (Met1-Ala316) was expressed with a polyhistidine tag at the C-terminus.                                                |
| <b>Species</b>              | <i>P.falciparum</i>                                                                                                                                       |
| <b>Source</b>               | <i>E.coli</i>                                                                                                                                             |
| <b>ProteinLength</b>        | 1-316 a.a.                                                                                                                                                |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                       |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                       |
| <b>Molecular Mass</b>       | The recombinant PfLDH consists 322 amino acids and predicts a molecular mass of 34.9 kDa.                                                                 |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                           |
| <b>Purity</b>               | >(28.0 + 67.9) % as determined by SDS-PAGE.                                                                                                               |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                 |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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#### Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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