

# Recombinant Plasmodium falciparum PfLDH protein, His-tagged

**Cat. No.** PfLDH-12P    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Plasmodium falciparum PfLDH(Met1-Ala316) fused with His tag at C-terminal was expressed in E. coli.                                                                |
| <b>Species</b>              | Plasmodium falciparum                                                                                                                                                          |
| <b>Source</b>               | E.coli                                                                                                                                                                         |
| <b>ProteinLength</b>        | 1-316 a.a.                                                                                                                                                                     |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                                            |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                 |
| <b>Molecular Mass</b>       | The recombinant PfLDH consists 322 amino acids and predicts a molecular mass of 34.9 kDa.                                                                                      |
| <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 centigrade                                                                                              |
| <b>Storage</b>              | Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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## GENE INFORMATION

**Gene Name** PfLDH L-lactate dehydrogenase [ Plasmodium falciparum 3D7 ]

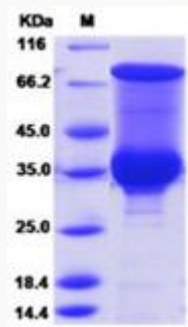
**Official Symbol** PfLDH

**Synonyms** L-lactate dehydrogenase

**Gene ID** 814112

**Chromosome Location** chromosome: 13

**Pathway** Bifidobacterium shunt, organism-specific biosystem; Pyruvate metabolism, organism-specific biosystem; heterolactic fermentation, organism-specific biosystem; heterolactic fermentation, organism-specific biosystem



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