

PfLDH Protein, *P. falciparum* (His)

Cat. No.:	HY-P77134
Synonyms:	L-lactate dehydrogenase; PF3D7_1324900
Species:	Others
Source:	<i>E. coli</i>
Accession:	Q76NM3 (M1-A316)
Gene ID:	814112
Molecular Weight:	Approximately 34.9 kDa.

PROPERTIES

AA Sequence	<pre> M A P K A K I V L V G S G M I G G V M A T L I V Q K N L G D V V L F D I V K N M P H G K A L D T S H T N V M A Y S N C K V S G S N T Y D D L A G A D V V I V T A G F T K A P G K S D K E W N R D D L L P L N N K I M I E I G G H I K K N C P N A F I I V V T N P V D V M V Q L L H Q H S G V P K N K I I G L G G V L D T S R L K Y Y I S Q K L N V C P R D V N A H I V G A H G N K M V L L K R Y I T V G G I P L Q E F I N N K L I S D A E L E A I F D R T V N T A L E I V N L H A S P Y V A P A A A I I E M A E S Y L K D L K K V L I C S T L L E G Q Y G H S D I F G G T P V V L G A N G V E Q V I E L Q L N S E E K A K F D E A I A E T K R M K A L A </pre>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	pfHPRT belongs to the LDH/MDH superfamily.
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Caution: Product has not been fully validated for medical applications. For research use only.

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