

## Recombinant Plasmodium falciparum HRP2 Protein

**Cat. No.** HDGFL2-1024H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Plasmodium falciparum histidine-rich protein 2 (HRP2). Predicted molecular weight: 33 kDa.                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Plasmodium falciparum                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Malaria is caused by protozoan parasites belonging to the genus Plasmodium. The majority of malaria-related deaths are linked to the species Plasmodium falciparum. Monoclonal antibodies against P. falciparum histidine-rich protein 2 (HRP2) are widely used in malaria rapid diagnostic tests as the parasite secretes substantial amounts of the protein into the host bloodstream. |
| <b>Form</b>             | Anti-HRP2 clone 3901: + Anti-HPR2 clone 3902: +                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 33 kDa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 90 % (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | 2–8centigrade                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>    | 0.5 mg/ml when reconstituted with 200 µof deionized water                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>   | 25 mM sodium acetate, pH 5.0, 0.02 % Tween 20, 150 mM NaCl; containing 6 % sucrose as a stabilizer                                                                                                                                                                                                                                                                                       |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** Reconstitute lyophilized protein with 200 µl of deionized water

## GENE INFORMATION

**Official Symbol** HDGFL2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA