

## Recombinant Plasmodium falciparum HSP90

**Cat. No.** HSP90-33P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Plasmodium falciparum HSP90 was expressed in E. coli.                                                                                                                                                                                          |
| <b>Species</b>          | Plasmodium falciparum                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                     |
| <b>Description</b>      | HSP90 is an abundantly and ubiquitously expressed heat shock protein. It is understood to exist in two principal forms alpha and beta, which share 85% sequence amino acid homology. The two isoforms of HSP90 are expressed in the cytosolic compartment. |
| <b>Form</b>             | 50mM Tris/HCl pH7.5, 300mM NaCl, 10% glycerol                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | ~23.4kD                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | >90% pure by SDS - PAGE analysis.                                                                                                                                                                                                                          |
| <b>Storage</b>          | -20°C; 1 year+ Avoid freeze/ thaw cycle.                                                                                                                                                                                                                   |

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