

| Product Information        |                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.                | PV10465                                                                                                                                                               |
| Product name               | Recombinant HSV-1/HHV-1 gD Protein, N-His                                                                                                                             |
| Applications               | ELISA, Immunogen, SDS-PAGE, WB, Bioactivity testing in progress                                                                                                       |
| Form                       | Lyophilized                                                                                                                                                           |
| Storage buffer             | Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.                                                                            |
| Purity                     | >90% as determined by SDS-PAGE.                                                                                                                                       |
| Expression system          | E. coli                                                                                                                                                               |
| Protein length             | Pro48-Val311                                                                                                                                                          |
| Predicted molecular weight | 31.53 kDa                                                                                                                                                             |
| Endotoxin level            | Please contact with the lab for this information.                                                                                                                     |
| Stability and Storage      | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt. |
| Reconstitution             | Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.                           |
| Alternative Names          | gD, Envelope glycoprotein D                                                                                                                                           |
| Species                    | Human herpesvirus 1 (strain 17) (HHV-1) (Human herpes simplex virus 1)                                                                                                |
| Shipping                   | In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.                 |
| Note                       | For research use only.                                                                                                                                                |