

# Recombinant Basic Salivary Proline Rich Protein 1 (PRB1) Instruction Manual

## SIPD184Hu01

**Homo sapiens (Human)**

|                                 |  |
|---------------------------------|--|
| <b>Source</b>                   | Prokaryotic expression                             |
| <b>Host</b>                     | E.coli   |
| <b>Endotoxin Level</b>          | <1.0EU per 1µg (determined by the LAL method)      |
| <b>Subcellular Location</b>     | Secreted   |
| <b>Predicted Molecular Mass</b> | 38.7kDa  |
| <b>Accurate Molecular Mass</b>  | 44kDa(Analysis of differences refer to the manual) |
| <b>Residues &amp; Tags</b>      | Gln17~Gln103 with N-terminal His and GST Tag       |
| <b>Buffer Formulation</b>       | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.    |
| <b>Traits</b>                   | Freeze-dried powder                                |
| <b>Purity</b>                   | > 90%  |
| <b>Isoelectric Point</b>        | 9.7  |
| <b>Applications</b>             | Positive Control; Immunogen; SDS-PAGE; WB.         |

## SEQUENCE

```
QNLN EDVSQEESPS LIAGNPQGGS PQGGNKPQGP  
PPPPGKPQGP PPQGGNKPQG PPPGKPQGP PPQGDKSRSP RSPPGKPQGP  
PPQ
```

## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

