

## Recombinant bovine prion protein (*rb-PrPc*), His-tagged

| Catalogue number | Package size |
|------------------|--------------|
| 847-0101000101   | 100 µg       |
| 847-0101000102   | 500 µg       |
| 847-0101000103   | 1 mg         |

*For research use only.*

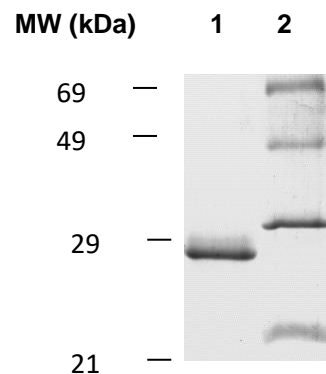
---

|                          |   |
|--------------------------|---|
| <b>Product:</b>          | recombinant protein   |
| <b>Description:</b>      | Histidine-tagged full-length mature part of bovine prion protein  |
| <b>Host:</b>             | <i>E. coli</i> BL21   |
| <b>Length:</b>           | 228 amino acids (25 – 244)  |
| <b>Molecular weight:</b> | 24724 Da  |
| <b>Sequence:</b>         | Mkkrpkpgggwntggsrypgqgspggnryppqggggwgqphggggwgqphggggwgqphggggwgqphggggwgq<br>ggthgqwnkpskpktmkhvagaaaagavvgglggymlgsamsrplihfgsdyedryrenmhrypnqvyyrpdqysnqnnfvhdc<br>vnitvkehvttttkgenftedikmmervveqmcitqyqresqayyqrgasHHHHHH |
| <b>Preparation:</b>      | solubilized from inclusion bodies in 6 M guanidine-HCl  |
| <b>Purification:</b>     | Ni(II)-nitriloacetate agarose chromatography  |
| <b>Purity:</b>           | > 95% by SDS-PAGE   |
| <b>Solution:</b>         | 10 mM sodium acetate buffer pH 4.0  |
| <b>Storage:</b>          | at –20 °C (repeated thawing and freezing should be avoided)   |
| <b>Application:</b>      | Single band of ~ 27 kDa in SDS-PAGE (see figure below)  |

---

### Figure

Recombinant bovine prion protein (1) was separated by SDS-PAGE under reducing conditions. Molecular weight standard (2) indicates the single band of ~ 27 kDa.



Roboscreen GmbH  
 Hohmannstraße 7  
 04129 Leipzig • Germany

Phone: +49 341 989 734 0  
 Fax: +49 341 989 734 199  
[info@roboscreen.com](mailto:info@roboscreen.com)  
[www.roboscreen.com](http://www.roboscreen.com)

CEO  
 Dr. Ingolf Lachmann

Ust-IdNr. DE 813064314  
 County Court Leipzig  
 HRB 17503  
 Leipzig