

## Recombinant Bovine Prion Protein (T194A), His-tagged

**Cat. No.** Prnp-800B    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Bovine Prion Protein (T194A) was expressed in E. coli with His tag.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | N-terminal His-tagged mutant (T194A) mature PrPc. The protein may be reconstituted in detergent-containing buffers e.g. TX-100 (0.5%) or under mild denaturing conditions (e.g. 1.5 M guanidine-HCl or urea). The bovine PrPc (T194A) is a homologue to the disease-associated human (T183A) point mutation. It may be used as substrate to investigate the effect of this mutation for protein stability in in vitro/in vivo conversion studies. |
| <b>Form</b>             | Lyophilized from 10 mM Tris-HCl pH 6.7                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 95 % (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store at -80 centigrade, avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                |

### GENE INFORMATION

|                        |                                            |
|------------------------|--------------------------------------------|
| <b>Gene Name</b>       | PRNP prion protein [ Bos taurus (cattle) ] |
| <b>Official Symbol</b> | Prnp                                       |

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|                       |                            |
|-----------------------|----------------------------|
| <b>Synonyms</b>       | PrP; AltPrP                |
| <b>Gene ID</b>        | <a href="#">281427</a>     |
| <b>mRNA Refseq</b>    | <a href="#">AB001468.1</a> |
| <b>Protein Refseq</b> | <a href="#">ABE02802.1</a> |
| <b>UniProt ID</b>     | <a href="#">P10279</a>     |

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