

Recombinant Cattle TTR protein, His-tagged

Cat. No. TTR-724C Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Cattle TTR aa. (Ser22~Ala147 (Accession # O46375)) fused with N-terminal His tag was produced in E. coli cells. |
| Species | Cattle |
| Source | E.coli |
| ProteinLength | Ser22~Ala147 |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 15.0kDa |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 6.3. |
| Applications | SDS-PAGE; WB; ELISA; IP |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| Storage buffer | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. |
| Reconstitution | Reconstitute in sterile PBS, pH7.2-pH7.4. |

GENE INFORMATION

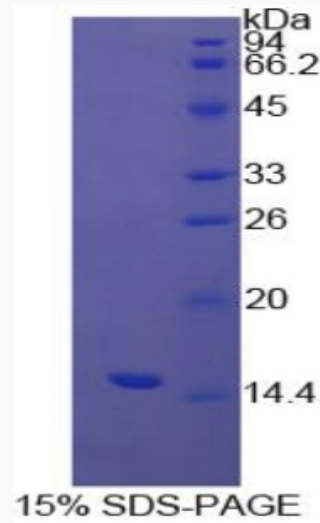
| | |
|------------------------|--|
| Gene Name | TTR transthyretin [<i>Bos taurus</i> (cattle)] |
| Official Symbol | TTR |
| Synonyms | TTR; transthyretin; prealbumin; transthyretin (prealbumin, amyloidosis type I) |
| Gene ID | 280948 |
| mRNA Refseq | NM_173967.3 |
| Protein Refseq | NP_776392.1 |
| UniProt ID | O46375 |

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SDS-PAGE



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