

## Recombinant Rat Ttr protein, His-tagged

Cat. No. Ttr-731R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Ttr aa. (Ala20~Asn147) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala20~Asn147
<b>Description</b>	Binds thyroxine (T4) and 3,5,3' triiodothyronine (T3); plays a role in thyroid hormone transport in serum.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	17kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.2.
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

**Storage**

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

**Concentration**

200g/mL

**Storage buffer**

10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose 0.01% sarcosyl and Proclin300

**Reconstitution**

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

## GENE INFORMATION

**Gene Name**

Ttr transthyretin [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Ttr

**Synonyms**

Ttr; transthyretin; TT; Lr1; Tbpa; prealbumin, amyloidosis type I

**Gene ID**

24856

**mRNA Refseq**

NM\_012681.2

**Protein Refseq**

NP\_036813.2

**UniProt ID**

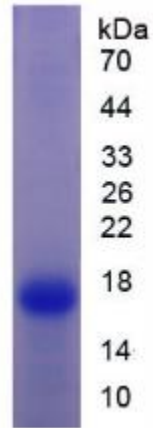
P02767

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA