

Recombinant Bovine Transthyretin (TTR), N-His

Cat. No.: AP9F10

Product Type: Animal Proteins

Size: 50 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Bovine Transthyretin (TTR), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 15.4 kDa. The purity is >90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Bovine
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	15.4 kDa
Physical State	Lyophilized
Formulation	10 mM Hepes, 500 mM NaCl with 5% trehalose, pH 7.4.

Target Information

Bovine Transthyretin is encoded by the *TTR* gene in cattle. The TTR gene, which encodes a carrier protein for thyroxine (T4) and retinol-binding protein bound to retinol in blood plasma, plays a critical role during the early stages of myogenesis.

Protein	Bovine Transthyretin (TTR)
Protein Synonym	transthyretin; prealbumin; transthyretin (prealbumin, amyloidosis type I)
Gene ID	280948
UniProt ID	Q46375

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store at -20°C or -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water or other buffer to a concentration of 0.1-1 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.