

Rev03
 Update: Aug,08,2025

DATASHEET

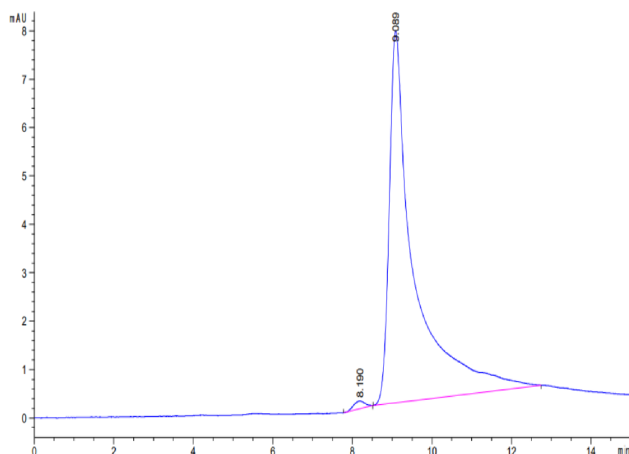
Transthyretin/Prealbumin, His, Cynomolgus

Cat. No.: Z04934

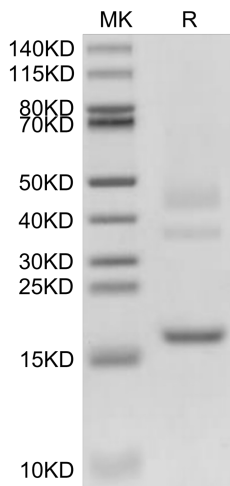
Product Introduction

Species	Cynomolgus
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #333; color: white; padding: 5px; margin-right: 10px;">His</div> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> Transthyretin/Prealbumin (Gly21-Glu147) Accession # Q8HXW1 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	14.80 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 16-20 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



The purity of Transthyretin/Prealbumin, His, Cynomolgus is greater than 95% as determined by SEC-HPLC.



Transthyretin/Prealbumin, His, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

Background

Target Background : Transthyretin is a highly conserved homotetrameric protein, mainly synthesized by the liver and the choroid plexus of brain. The carrier role of TTR is well-known; however, many other functions have emerged, namely in the nervous system. TTR aggregates are responsible for many amyloidosis such as familial amyloidotic polyneuropathy and cardiomyopathy. Normal TTR can also aggregate and deposit in the heart of old people and in preeclampsia placental tissue.

Synonyms : Transthyretin; ATTR; Prealbumin; TBPA; TTR; PALB; CTS; CTS1; HsT2651; HEL111

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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