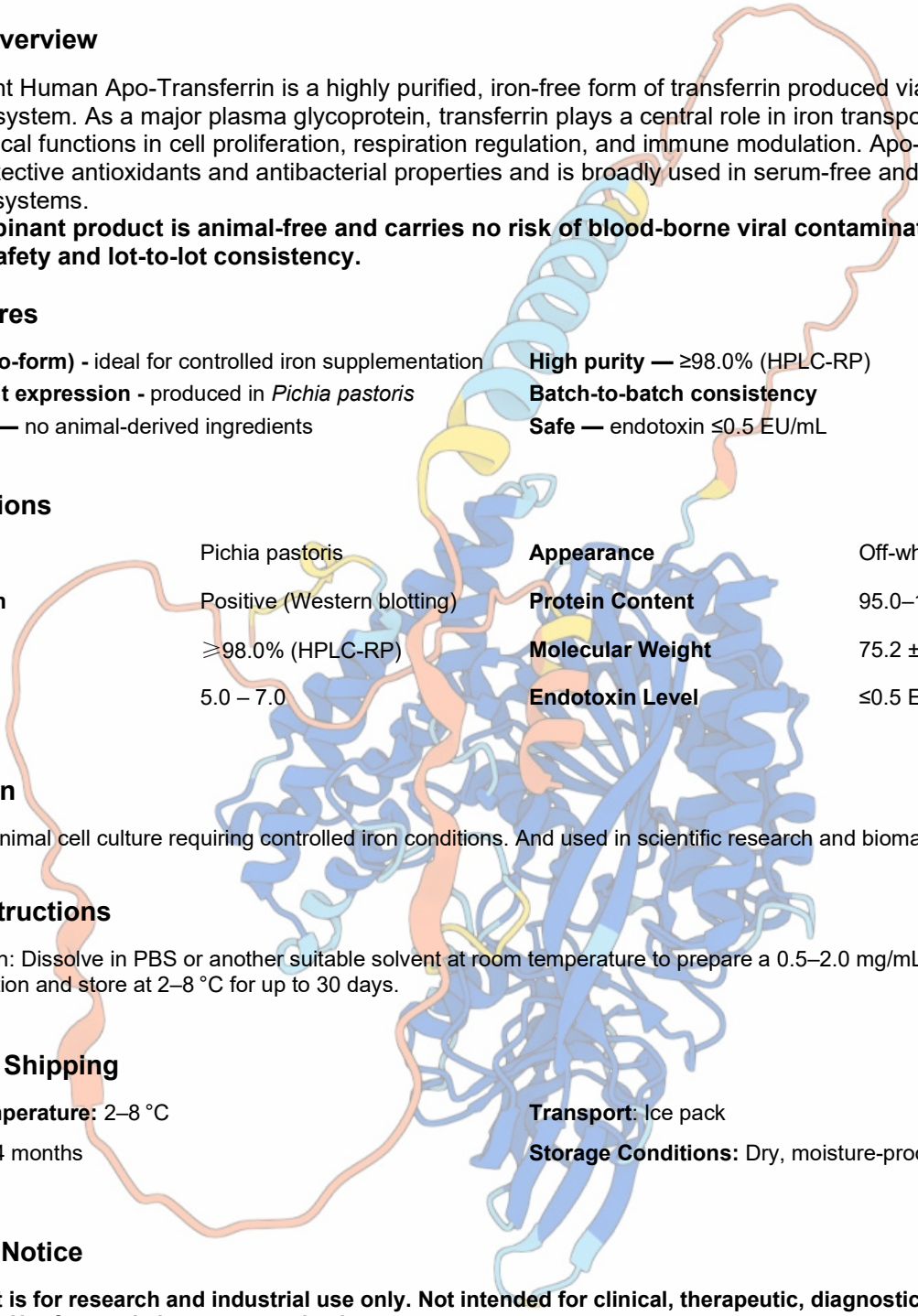
ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

Recombinant Human Apo-Transferrin (Pichia pastoris-expressed)



Product Overview

Recombinant Human Apo-Transferrin is a highly purified, iron-free form of transferrin produced via Pichia pastoris expression system. As a major plasma glycoprotein, transferrin plays a central role in iron transport and metabolism, and has critical functions in cell proliferation, respiration regulation, and immune modulation. Apo-Transferrin also exhibits protective antioxidants and antibacterial properties and is broadly used in serum-free and chemically defined cell culture systems.
Our recombinant product is animal-free and carries no risk of blood-borne viral contamination, ensuring excellent safety and lot-to-lot consistency.

Key Features

Iron-free (apo-form) - ideal for controlled iron supplementation
Recombinant expression - produced in *Pichia pastoris*
Animal-free — no animal-derived ingredients
High purity — ≥98.0% (HPLC-RP)
Batch-to-batch consistency
Safe — endotoxin ≤0.5 EU/mL

Specifications

Source	Pichia pastoris	**Appearance**	Off-white loose powder
Identification	Positive (Western blotting)	**Protein Content**	95.0–105.0% (Biuret method)
Purity	⩾98.0% (HPLC-RP)	**Molecular Weight**	75.2 ± 7.5 kDa (SDS-PAGE)
pH Range	5.0 – 7.0	**Endotoxin Level**	≤0.5 EU/mL (Sol-Gel method)

Application

Suitable for animal cell culture requiring controlled iron conditions. And used in scientific research and biomanufacturing settings

Usage Instructions

Reconstitution: Dissolve in PBS or another suitable solvent at room temperature to prepare a 0.5–2.0 mg/mL stock solution. Sterile filter the solution and store at 2–8 °C for up to 30 days.

Storage & Shipping

Storage Temperature: 2–8 °C
Shelf Life: 24 months
Transport: Ice pack
Storage Conditions: Dry, moisture-proof, and lightproof

Important Notice

This product is for research and industrial use only. Not intended for clinical, therapeutic, diagnostic, or veterinary applications. Not for use in humans or animals.

11 Park Drive, Boston, MA 02215, USA | Tel: 617-549-2665 | Fax: 480- 247-4337 | E-mail: angioproteomie@gmail.com