

Transferrin Protein, Pig (HEK293, hFc)

Cat. No.:	HY-P74495
Synonyms:	Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin; TF; TRF
Species:	Pig
Source:	HEK293
Accession:	B3CL06 (M1-T715)
Gene ID:	396996
Molecular Weight:	100-110 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Transferrins, as iron-binding transport proteins, exhibit the capability to bind two Fe(3+) ions, often in conjunction with the binding of an anion, typically bicarbonate. Functionally, transferrin plays a crucial role in transporting iron from sites of absorption and heme degradation to locations dedicated to storage and utilization within the body. Beyond its primary involvement in iron homeostasis, serum transferrin may play an additional role in stimulating cell proliferation. Structured as a monomer, transferrin's versatility underscores its significance in orchestrating the intricate processes of iron transport and cellular regulation, contributing to essential physiological functions within the organism.
------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA