

Datasheet for ABIN964544
Transferrin Protein (TF)[Go to Product page](#)

1 Image

Overview

Quantity:	10 mg
Target:	Transferrin (TF)
Origin:	Human
Host:	Please inquire
Protein Type:	Native
Application:	Conjugation (Con)

Product Details

Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Transferrin

Target Details

Target:	Transferrin (TF)
Alternative Name:	Transferrin (TF Products)

Background: Human transferrin is encoded by the TF gene and is an iron-binding blood plasma glycoprotein that controls the level of free iron in biological fluids. Human transferrin binds iron very tightly but reversibly. Human transferrin is the most important iron pool in mammals. Human transferrin has a molecular weight of around 80 kDa and contains 2 specific high-affinity Fe(III) binding sites. The affinity of Human transferrin for Fe(III) is extremely high but decreases progressively with decreasing pH below neutrality.

Pathways: [Transition Metal Ion Homeostasis](#)

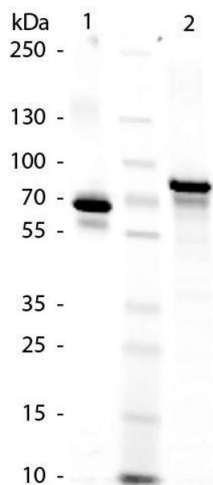
Application Details

Application Notes:	Suitable for use as antigen or ligand in immunochemical reactions, as a control or standard in assays, for conjugation and most other immunological methods requiring highly purified proteins
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	10.0 mg/mL
Storage:	4 °C

Images



SDS-PAGE

Image 1. SDS-Page of Human Transferrin. Lane 1: Human Transferrin – Reduced. Lane 2: Human Transferrin – Non-Reduced. Load: 1.0 µg per lane. Observed/Predicted Size: ~70 kDa for Reduced, ~80 kDa for Non-Reduced Transferrin.