

## Native Human Transferrin

Cat. No. TF-262H Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	MW: 80,000
<b>Endotoxin</b>	<= 1 eu/mg by lal testing. sterile filtered using 0.1 micron>
<b>Purity</b>	>=98% by SDS-PAGE
<b>Usage</b>	For research or further manufacturing use only.
<b>Quality Control Test</b>	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
<b>Notes</b>	This product is suitable for cell culture use.
<b>Stability</b>	>1 year
<b>Storage</b>	<=>
<b>Storage Buffer</b>	Lyophilized from de-ionized water, pH 3% solution : 6.0-8.0 Heat treated at 60°C for 10

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hours

## GENE INFORMATION

**Gene Name** TF transferrin [ Homo sapiens ]

**Official Symbol** TF

**Synonyms** TF; transferrin; serotransferrin; PRO1557; PRO2086; siderophilin; beta-1 metal-binding globulin; TFQTL1; DKFZp781D0156;

**Gene ID** 7018

**mRNA Refseq** NM\_001063

**Protein Refseq** NP\_001054


**MIM** 190000

**UniProt ID** P02787

**Chromosome Location** 3q21

**Pathway** EPHB forward signaling, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; Hemostasis, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem;

**Function** ferric iron binding; metal ion binding; protein binding; ubiquitin protein ligase binding;

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