

Native Human Transferrin

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

SPECIFICATION

Product Overview

Species	Human
Source	Human Plasma
Form	Lyophilized
Molecular Mass	MW: 80,000
Endotoxin	<= 1="" eu/mg="" by="" lal="" testing="" sterile="" filtered="" using="" 0.1="" micron="">
Purity	>=98% by SDS-PAGE
Usage	For research or further manufacturing use only.
Quality Control Test	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Notes	This product is suitable for cell culture use.
Stability	>1 year
Storage	<=>

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Storage Buffer

Lyophilized from de-ionized water, pH 3% solution : 6.0-8.0 Heat treated at 60°C for 10 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;

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Function

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

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