

Native Human TF Protein, Rhodamine Conjugated

Cat. No. TF-002H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native human Transferrin, Rhodamine conjugated (2.27 moles Rhodamine (TRITC) per mole of Human Transferrin).
Species	Human
Source	Serum
Description	This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum.
Form	Lyophilized
Molecular Mass	80 kDa
Storage	Store vial at 4 centigrade prior to restoration. For extended storage aliquot contents and freeze at -20 centigrade or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 centigrade as an undiluted liquid. Dilute only prior to immediate use.

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Concentration	1.0 mg/mL by UV absorbance at 280 nm
Storage Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/ml Polyethylene Glycol (PEG-8000)
Preservative	0.01% (w/v) Sodium Azide
Shipping	Ambient

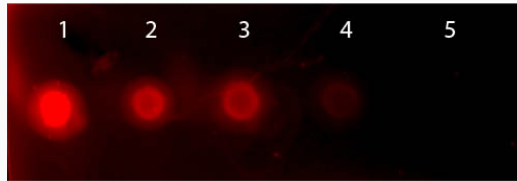
GENE INFORMATION

Gene Name	TF transferrin [Homo sapiens (human)]
Official Symbol	TF
Synonyms	TFQTL1; PRO1557; PRO2086; HEL-S-71p; TF; transferrin
Gene ID	7018
mRNA Refseq	NM_001063
Protein Refseq	NP_001054
MIM	190000
UniProt ID	P02787

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