

Native Rat Apotransferrin

Cat. No. ATF-181R Lot. No. (See product label)

SPECIFICATION

Species	Rat
Source	rat plasma
Description	<p>Transferrin is a monomeric glycoprotein found in plasma at an average concentration of 250 mg/100ml. The specific iron-binding protein in plasma, it has a role in the transportation and distribution of iron among the body organs, in iron metabolism and in prevention of iron loss via the kidney. Stored in bone marrow as TF-bound iron, it also possesses bacteriostatic and fungistatic activity. Clinically, decreases in transferrin are observed in congenital disorders, newborns, inflammatory diseases, hypo-proteinemias and nephritic syndrome; increases are found in pregnancy, iron-deficiency anemias and inoculation hepatitis. Transferrin is required by all types of cells in cultures for maximal growth. It is, therefore, an important factor used in defined culture media.</p>
Form	Lyophilized
Molecular Mass	MW: approx. 80,000
Purity	Greater than 98% by SDS-PAGE.
Usage	For research use or for use in further manufacturing.
Stability	>1 year

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Storage	Store -20°C
Storage Buffer	20 mM Na phosphate, pH 7.4, 150 mM NaCl

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