

Native Rat Transferrin

Cat. No. Tf-392R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Rat Tf are the principal plasma proteins that bind wine catechins.
Species	Rat
Source	Rat
Description	Transferrin is a glycoprotein that binds iron very tightly but reversibly. Although iron bound to transferrin is less than 0.1% (4 mg) of the total body iron, it is the most important iron pool, with the highest rate of turnover (25 mg/24 h). Transferrin has a molecular weight of around 80 kDa and contains 2 specific high-affinity Fe(III) binding sites.
Form	Lyophilized
Purity	>98% by SDS PAGE
Iron Assay	< 25 ug/gram Protein by Cypress Iron Assay.
Clone	Deionized Water
Storage	Store at 2-8°C. Stable for 1 year from delivery.
Official Symbol	Tf
Pathways	Mineral absorption

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GENE INFORMATION

Gene Name	Tf transferrin [Rattusnorvegicus]
Synonyms	Tf; transferrin;Tfn; Trf; serotransferrin;siderophilin; beta-1 metal-binding globulin; liver regeneration-relatedprotein LRRG03; Serotransferrin;Beta-1 metal-binding globulin; Liverregeneration-related protein LRRG03; Siderophilin
Gene ID	24825
mRNA Refseq	NM_001013110
Protein Refseq	NP_001013128
UniProt ID	P12346
Chromosome Location	8q32
Function	ferric iron binding;ferric iron transmembrane transporter activity; metal ion binding
PDB rendering basedon 1a8e.	

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