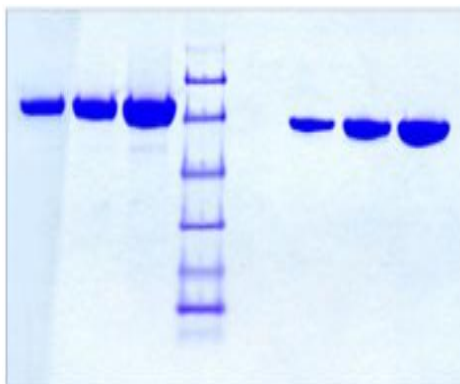


Tf

## Native Rat Transferrin

<b>Catalog No.</b>	CNR002A CNR002B	<b>Quantity:</b>	1 mg 5 mg
<b>Alternate Names:</b>	Serotransferrin, Transferrin, beta-1-metal-binding globulin, LRRG03, siderophilin,		
<b>Description:</b>	Transferrin is a monomeric glycoprotein iron-binding protein in plasma with 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.		
<b>UniProt ID</b>	P12346		
<b>Source:</b>	Rat plasma		
<b>Molecular Weight:</b>	80 kDa		
<b>Formulation:</b>	Lyophilized from 20 mM NaH <sub>2</sub> PO <sub>4</sub> , pH 7.4, 150 mM NaCl		
<b>Purity:</b>	≥ 98% by SDS-PAGE		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of > 0.1 mg/ml and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.		
<b>Country of Origin:</b>	USA		
<b>Storage &amp; Stability:</b>	Store lyophilized protein at -20 to -80°C for at least 1 year or reconstituted stock solution in aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

SDS-PAGE: 4 - 12% Bis-Tris NuPAGE  
reduced and non-reduced



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**