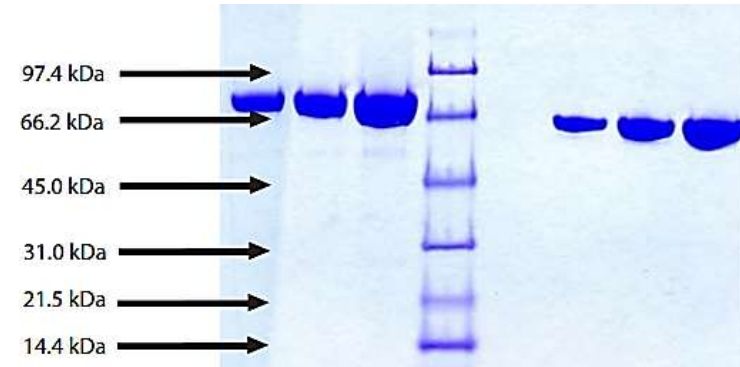


Apotransferrin, Rat Plasma

CATALOG #:	7541-1000	1 mg
ALTERNATE NAMES:	Transferrin, TF, DKFZp781D0156, PRO1557, PRO2086	
SOURCE:	Rat Plasma.	
PURITY:	≥ 98% by SDS-PAGE	
MOL. WEIGHT:	80.0 kDa	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 20 mM Na phosphate, pH 7.4 and 150 mM NaCl.	

STORAGE CONDITIONS: Store at -20°C or lower. Avoid repeated freezing and thawing cycles.

DESCRIPTION: 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. Iron-saturated transferrin (holo transferrin) is continually recycled after releasing iron and becomes iron-deficient transferrin (apo-transferrin). 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.



Apotransferrin, Rat Plasma

4-12% Bis-Tris NuPAGE gel

1. Apotransferrin - 5 µg (reduced / heated)
2. Apotransferrin - 10 µg (reduced / heated)
3. Apotransferrin - 20 µg (reduced / heated)
4. LMW Standard
5. Apotransferrin - 5 µg (non-reduced / no heat)
6. Apotransferrin - 10 µg (non-reduced / no heat)
7. Apotransferrin - 20 µg (non-reduced / no heat)

RELATED PRODUCTS:

- Apotransferrin, Human Plasma (**Cat # 4707-100**)
- Apotransferrin, Mouse Plasma (**Cat # 7540-1000**)
- Transferrin, Human Plasma (**Cat # 7542-500**)
- Transferrin, Rat Plasma (**Cat # 7543-1000**)
- Human CellExp™ Transferrin, human recombinant (**Cat # 7467-20, -100**)
- Lactoferrin, Human Milk (**Cat # 7550-10**)
- Lactoferrin, Human Neutrophil (**Cat # 4092-100**)

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rev 11/17

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