

**Apotransferrin, Mouse Plasma recombinant protein**  
**Transferrin, TF, DKFZp781D0156, PRO1557, PRO2086**  
**Catalog # PBV11149r**

## Specification

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### Apotransferrin, Mouse Plasma recombinant protein - Product info

Primary Accession [O92111](#)  
Calculated MW **80.0 kDa**

### Apotransferrin, Mouse Plasma recombinant protein - Additional Info

Gene ID **22041**  
Gene Symbol **TF**  
**Other Names**  
Transferrin, TF, DKFZp781D0156, PRO1557, PRO2086

Gene Source **Mouse**  
Source **Mouse Plasma**  
Assay&Purity **SDS-PAGE; ≥98%**  
Assay2&Purity2 **N/A;**  
Recombinant **No**  
**Target/Specificity**  
Apotransferrin

**Format**  
Lyophilized

**Storage**  
-20°C; Lyophilized from 20 mM Na phosphate, pH 7.4 and 150 mM NaCl.

### Apotransferrin, Mouse Plasma recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Apotransferrin, Mouse Plasma recombinant protein - Images

### Apotransferrin, Mouse Plasma recombinant protein - Background

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.

#### **Apotransferrin, Mouse Plasma recombinant protein - References**

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Chaudhary J.,et al.Mol. Reprod. Dev. 50:273-283(1998).  
Chen L.-H.,et al.J. Biol. Chem. 262:17247-17250(1987).  
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