

Apotransferrin, Human Plasma recombinant protein
Human transferrin, Siderophilin
Catalog # PBV10364r**Specification**

Apotransferrin, Human Plasma recombinant protein - Product info

Primary Accession [P02786](#)
Calculated MW **80.0 kDa**

Apotransferrin, Human Plasma recombinant protein - Additional Info

Gene ID **7037**
Gene Symbol **TFR1**

Other Names

Human transferrin, Siderophilin

Source **Human Plasma**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC;**
Recombinant **No**

Application Notes

Deionized H₂O (10 mg/ml)

Format

Lyophilized protein

Storage

-20°C; Lyophilized from 10 mM phosphate buffer, pH 7.4

Apotransferrin, Human 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, Human Plasma recombinant protein - Images**Apotransferrin, Human Plasma recombinant protein - Background**

Transferrin less the iron molecule. Like transferrin, apotransferrin has a physiological role in the transportation and distribution of iron among the body organs. It is also an important transport factor used in defined culture media. Purified apotransferrin has less than 0.01% iron and the

iron-binding capacity is 1.25 µg/mg.

Apotransferrin, Human Plasma recombinant protein - References

Schneider C.,et al.Nature 311:675-678(1984).

McClelland A.,et al.Cell 39:267-274(1984).

Evans P.,et al.Gene 199:123-131(1997).

Wheeler D.L.,et al.Thesis (1999), University of Iowa, United States.

Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.