

**Transferrin Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP22124a****Specification****Transferrin Blocking Peptide - Product Information**

Primary Accession [P02787](#)  
Other Accession [A5A6I6](#)

**Transferrin Blocking Peptide - Additional Information**

**Gene ID** 7018

**Other Names**

Serotransferrin, Transferrin, Beta-1 metal-binding globulin, Siderophilin, TF

**Target/Specificity**

The synthetic peptide sequence is selected from aa 452-466 of HUMAN TF

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Transferrin Blocking Peptide - Protein Information**

**Name** TF

**Function**

Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption

**Transferrin Blocking Peptide - Background**

Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

**Transferrin Blocking Peptide - References**

Yang F.,et al.Proc. Natl. Acad. Sci. U.S.A. 81:2752-2756(1984).  
Schaeffer E.,et al.Gene 56:109-116(1987).  
Hershberger C.L.,et al.Ann. N. Y. Acad. Sci. 646:140-154(1991).  
Beutler E.,et al.Blood 96:4071-4074(2000).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).

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**Cellular Location**

Secreted.

**Tissue Location**

Expressed by the liver and secreted in plasma.

**Transferrin Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)