



## **Transferrin Blocking Peptide**

Synthetic peptide Catalog # BP22129a

# **Specification**

Transferrin Blocking Peptide - Product Information

Primary Accession P02787
Other Accession A5A616

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 121-135 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**

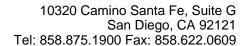
Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption

# **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