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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 (HGNC:11740)

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 and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. (Microbial infection) Serves as an iron source for parasite T.brucei (strain 427), which capture TF via its own transferrin receptor ESAG6:ESAG7 and extract its iron for its own use.

Cellular Location
Secreted.

Tissue Location
Expressed by the liver and secreted in plasma.

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Transferrin Blocking Peptide - Protocols

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

- Blocking Peptides

Transferrin Blocking Peptide - Images

Transferrin Blocking Peptide - Background

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Transferrin Blocking Peptide - References

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Schaeffer E.,et al.Gene 56:109-116(1987).
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Beutler E.,et al.Blood 96:4071-4074(2000).
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