

ABSTRACT

Novel peptides that bind to the human transferrin receptor (hTfR) are provided. The peptide is a peptide comprising an amino acid sequence described in Ala-Val-MePhe-Val-Trp-Asn-Tyr-Tyr-Ile-Ile-K(MePEG4c)-Arg-Phe-MeTyr-Cys (SEQ ID NO: 1), or the peptide comprising one or more predetermined substitutions in the amino acid sequence described in SEQ ID NO:1.