

32-9146: Recombinant Human Transferrin Receptor Protein 1/TFRC (N-His)

Alternative Name : Transferrin receptor protein 1; TR; TfR; Trfr; T9; p90

Description

Source : Human 293 Cells;

Transferrin receptor protein 1 (TFRC), also known as CD71, is a type 2 transmembrane glycoprotein that belongs to the peptidase M28 family. TFRC is expressed by erythroid progenitors, muscle cells and proliferating cells as a 188 kDa disulfide-linked homodimer of 95 kDa monomers. TFRC plays an essential role in iron delivery from transferrin to cells. It is necessary for the development of erythrocytes and the nervous system. TFRC is a potential new target for human leukemia & lymphoma. The hereditary hemochromatosis protein HFE competes with diferric transferrin for binding to TFRC, and targets TFRC for degradation rather than recycling.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,5% Trehalose, pH7.4

Amino Acid : Recombinant Human Transferrin Receptor Protein 1 is produced by our Mammalian expression system and the target gene encoding Leu101-Phe760 is expressed with a 6His tag at the N-terminus.