

Datasheet for ABIN7538564

Transferrin Receptor Protein (AA 89-763) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	Transferrin Receptor (TFRC)
Protein Characteristics:	AA 89-763
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Transferrin Receptor protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse TFRC protein with N-terminal 10xHis tag
Specificity:	10xHis tag Mouse TFRC (Cys89-Phe763)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Transferrin Receptor (TFRC)
Alternative Name:	TFRC (TFRC Products)
Background:	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of

Target Details

receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis. [provided by RefSeq, Sep 2015]

Molecular Weight: predicted molecular mass of 77.3 kDa after removal of the signal peptide.

UniProt: [Q62351](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Mouse TFRC Protein, His Tag on SDS-PAGE under reducing condition.