Datasheet for ABIN7491075
Transferrin Receptor Protein (AA 89-760) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	Transferrin Receptor (TFRC)
Protein Characteristics:	AA 89-760
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Transferrin Receptor protein is labelled with His tag.

Product Details

Purpose:	Recombinant human TFRC protein with N-terminal 6xHis tag
Specificity:	6xHis tag TFRC (Cys89-Phe760)
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. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]
Molecular Weight:	predicted molecular mass of 76 kDa after removal of the signal peptide. The apparent molecular mass of His-TFRC is 70-100 kDa due to glycosylation.
UniProt:	P02786
Pathways:	Transition Metal Ion Homeostasis

Application Details

Restrictions:	For Research Use only

Handling

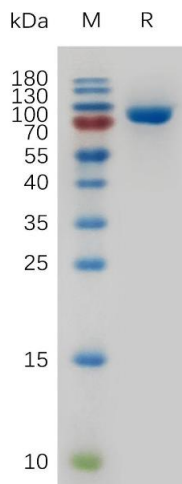|	
Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, 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. Human TFRC Protein, His Tag on SDS-PAGE under reducing condition.