

Datasheet for ABIN6253573

Transferrin Receptor Protein (AA 89-760) (His tag)[Go to Product page](#)**2** Images

Overview

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

Product Details

Sequence:	AA 89-760
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Transferrin Receptor (TFRC)
Alternative Name:	Transferrin R (TFRC Products)
Background:	CD antigen CD71 is also known as Transferrin receptor protein 1, TfR, sTfR, p90, TfR1, Trfr, which belongs to the peptidase M28 family and M28B subfamily. CD71 /TfR contains one PA (protease associated) domain. CD71 / TfR1 is required for iron delivery from transferrin to cells. CD71 is a potential new target in cases of human leukomia & lymphoma. CD71 /TFRC / TfR

Target Details

has been shown to interact with GABARAP and HFE.

Molecular Weight: 77.1 kDa

NCBI Accession: [XP_005545315](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

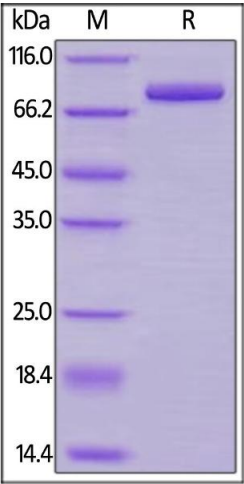
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

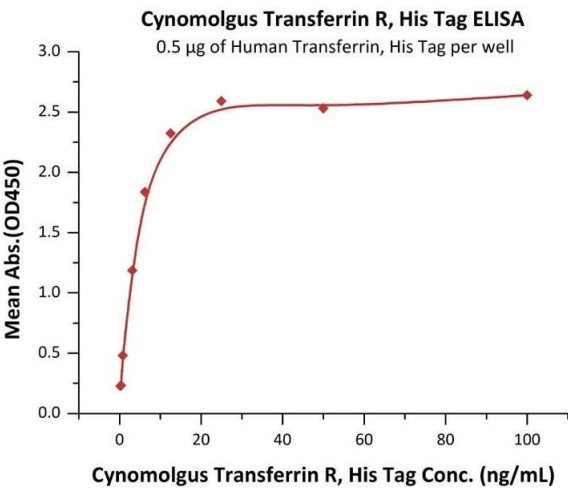
Storage: -20 °C

Images



SDS-PAGE

Image 1. Cynomolgus Transferrin R, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 2. Immobilized Human Transferrin, His Tag (ABIN2181871,ABIN2181870) at 5 µg/mL (100 µL/well) can bind Cynomolgus Transferrin R, His Tag (ABIN5954945,ABIN6253573) with a linear range of 0.2-6 ng/mL (QC tested).