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Datasheet for ABIN5608299

## Transferrin Receptor 2 Protein (TFR2) (partial) (Fc Tag)

### Overview

Quantity:	50 µg
Target:	Transferrin Receptor 2 (TFR2)
Protein Characteristics:	partial
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Transferrin Receptor 2 protein is labelled with Fc Tag.
Application:	Western Blotting (WB)

### Product Details

Sequence:	Arg 103 - Phe 798
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.

### Target Details

Target:	Transferrin Receptor 2 (TFR2)
Alternative Name:	Transferrin R2 ( <a href="#">TFR2 Products</a> )
Background:	Transferrin receptor protein 2 (TFR2) is a single-pass type II membrane protein with a protease associated (PA) domain, an M28 peptidase domain and a transferrin receptor-like dimerization domain. The mutations in TFR2 gene have been associated with hereditary hemochromatosis type III. Furthermore, TFR2 is involved in the uptake of transferrin-bound iron into cells by

## Target Details

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endocytosis, although its role is minor compared to transferrin receptor 1.

Molecular Weight: 103.2 kDa

Gene ID: 50765

UniProt: [Q9JKX3](#)

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: This recombinant protein can be used for WB.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, pH 7.5

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C, -80 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.