

Mouse Transferrin Receptor/TFRC/CD71 (His Tag) recombinant protein



Catalog Number: 501388

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the extracellular domain of mouse TFRC (Q62351) (Cys 89-Phe 763) was fused with a polyhistidine tag at the N-terminus.

Source: Mouse

Expression Host: Human Cells

QC Testing

Activity:

Purity:

> 92 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per μg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal:

His

Molecular Mass:

The recombinant mouse TFRC comprises 694 amino acids and predicts a molecular mass of 78.3

kDa. The apparent molecular mass of mouse TFRC is approximately 80 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

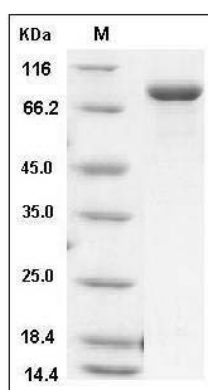
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution:

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE:



Mouse Transferrin Receptor / TFRC / CD71 Protein (His Tag) SDS-PAGE