

## 32-18548: Mouse TFRC Protein, His Tag

**Uniprot ID :** Q62351

**Alternative Name :** TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1

### Description

**Description :** Recombinant mouse TFRC protein with N-terminal 10Å—His tag

**Background :** This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of 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.

**Molecular Characterization:** mass of 77.3 kDa after removal of the signal peptide.

**Tag :** N-10Å—His tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

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

**Storage condition :** 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.

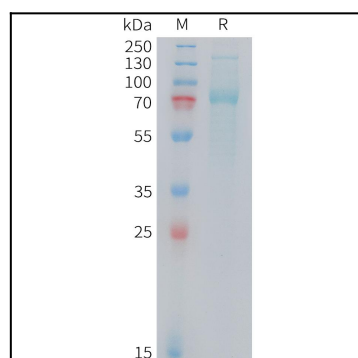


Figure 1. Mouse TFRC Protein, His Tag on SDS-PAGE under reducing condition.