## PRODUCT INFORMATION

| Target | TFRC |
| :---: | :---: |
| Synonyms | TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1 |
| Description | Recombinant mouse TFRC protein with N-terminal $10 \times$ His tag |
| Delivery | In Stock |
| Uniprot ID | Q62351 |
| Expression Host | HEK293 |
| Tag | $\mathrm{N}-10 \times$ His tag |
| Molecular Characterization | $10 \times$ His tag Mouse TFRC(Cys89-Phe763) |
| Molecular Weight | The protein has a predicted molecular mass of 77.3 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than $85 \%$ as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation \& Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 \% $-8 \%$ trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. |
|  | Store at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$ for 12 months in lyophilized form. After reconstitution, if not |
| Storage \& Shipping | intended for use within a month, aliquot and store at $-80^{\circ} \mathrm{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
|  | This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is |
| Background | required for erythropoiesis and neurologic development. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis. [provided by RefSeq, Sep 2015] |
| Usage | Research use only |



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

