

## PRODUCT INFORMATION

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|---|---|
| <b>Target</b>                           | TFRC  |
| <b>Synonyms</b>                         | T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46   |
| <b>Description</b>                      | Recombinant Cynomolgus TFRC protein with N-terminal 10×His tag  |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | XP_045243212.2  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Tag</b>                              | N-10×His tag  |
| <b>Molecular Characterization</b>       | 10×His tag TFRC(Cys89-Phe760)   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 76.6 kDa after removal of the signal peptide. The apparent molecular mass of His-cTFRC is approximately 70-100 kDa due to glycosylation.  |
| <b>Purity</b>                           | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.  |
| <b>Formulation &amp; Reconstitution</b> | 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 of reconstitution.  |
| <b>Storage&amp;Shipping</b>             | 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.   |
| <b>Background</b>                       | 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. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015] |
| <b>Usage</b>                            | Research use only   |
| <b>Conjugate</b>                        | Unconjugated  |



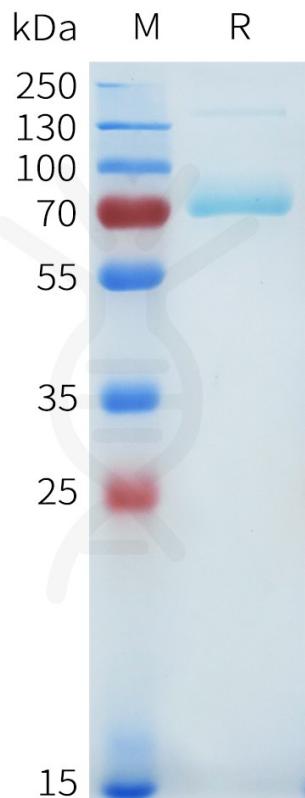


Figure 1. Cynomolgus TFRC Protein, His Tag on SDS-PAGE under reducing condition.

