

PRODUCT INFORMATION

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|---|---|
| Target | TFRC |
| Synonyms | T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46 |
| Description | Recombinant Cynomolgus TFRC protein with N-terminal 10×His tag |
| Delivery | In Stock |
| Uniprot ID | XP_045243212.2 |
| Expression Host | HEK293 |
| Tag | N-10×His tag |
| Molecular Characterization | 10×His tag TFRC(Cys89-Phe760) |
| Molecular Weight | 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. |
| 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 of reconstitution. |
| Storage & Shipping | 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. |
| 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. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015] |
| Usage | Research use only |
| Conjugate | Unconjugated |



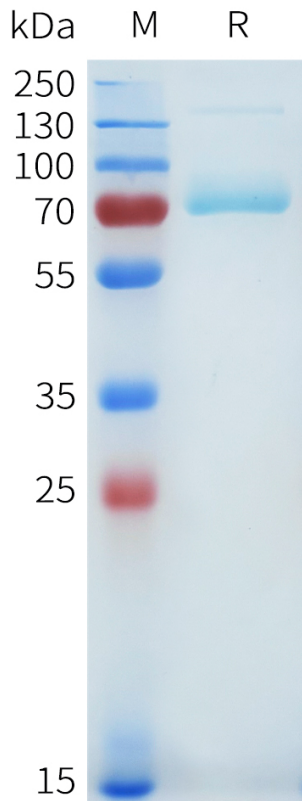


Figure 1. Cynomolgus TFRC Protein, His Tag on SDS-PAGE under reducing condition.

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