

PRODUCT INFORMATION

Target	TFRC
Synonyms	T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46
Description	Biotinylated Recombinant Human TFRC Protein with N-terminal Avi His tag
Delivery	In Stock
Uniprot ID	P02786
Expression Host	HEK293
Tag	N-Avi 6×His Tag
Molecular Characterization	Avi 6xHis tag TFRC(Cys89-Phe760)
Molecular Weight	The protein has a predicted molecular mass of 77.8 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 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	Biotinylated



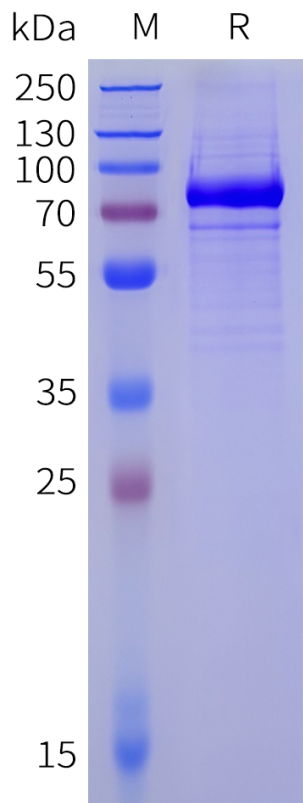


Figure 1. Biotinylated Human TFRC Protein, His Tag on SDS-PAGE under reducing condition.

**Biotinylated Human TFRC, His Tagged Protein ELISA**

0.2 µg of Anti-TFRC(pabinafusp alfa biosimilar) mAb per well

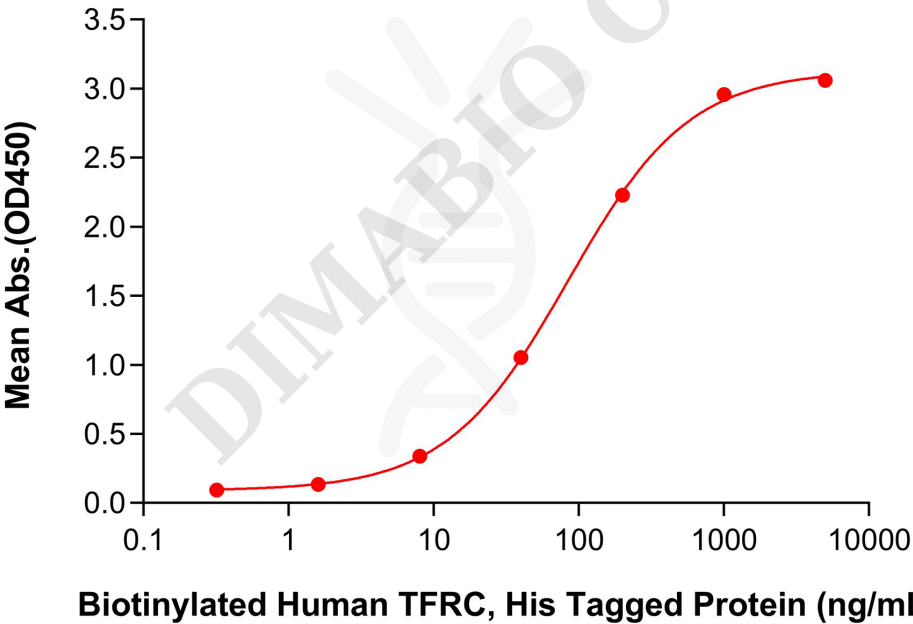


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Anti-TFRC(pabinafusp alfa biosimilar) mAb (BME100138) can bind Biotinylated Human TFRC Protein, His Tag (PME100775B) in a linear range of 40-200 ng/mL.

