

**PRODUCT INFORMATION**

<b>Target</b>	TweakR
<b>Synonyms</b>	TNFRSF12A;FGF-inducible 14;FN14;TweakR;CD266
<b>Description</b>	Recombinant human TweakR protein with C-terminal mouse Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9NP84
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Mouse Fc Tag
<b>Molecular Characterization</b>	TweakR(Glu28-Pro80) mFc(Pro99-Lys330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 31.8 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 90% 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>	TNFRSF12A (TNF Receptor Superfamily Member 12A) is a Protein Coding gene. Diseases associated with TNFRSF12A include Multiple Sclerosis and Stroke;Ischemic. Among its related pathways are ERK Signaling and CDK-mediated phosphorylation and removal of Cdc6
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



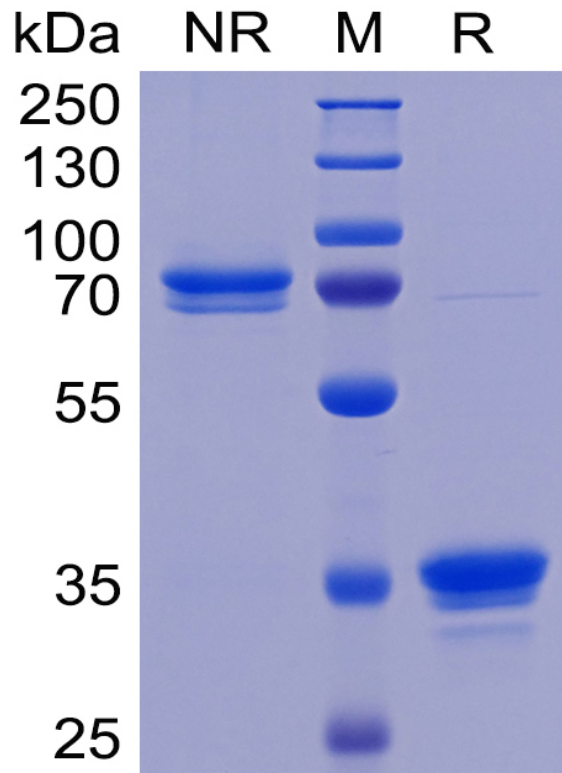


Figure 1. Human TweakR Protein, mFc Tag on SDS-PAGE under non-reducing (NR) and reducing (R) conditions.

## Human TweakR, mFc Tagged protein ELISA

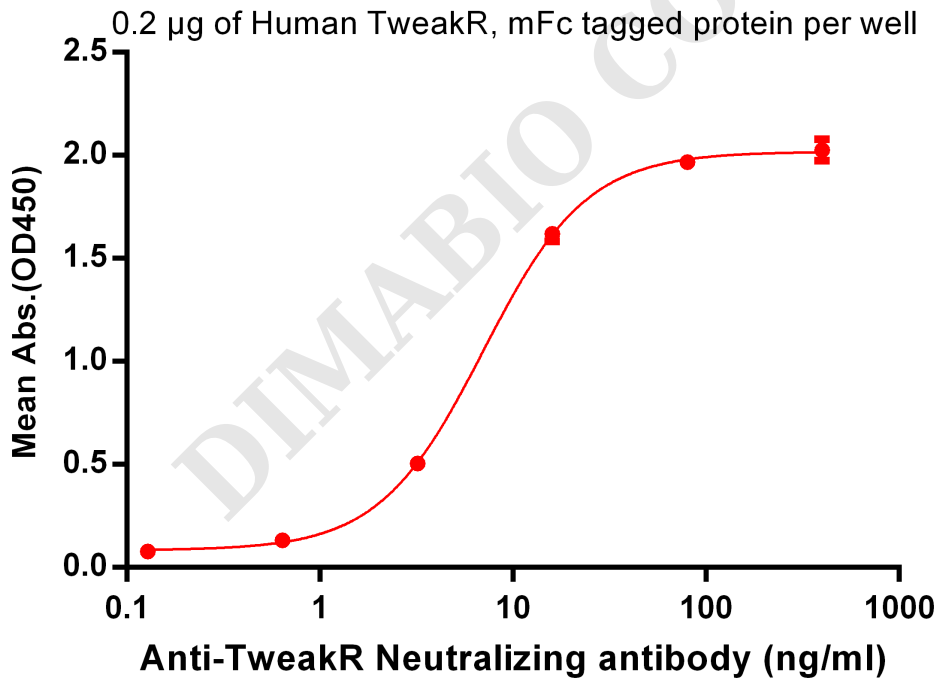


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{ml}$  (100  $\mu\text{l}/\text{well}$ ) Human TweakR, mFc tagged protein (PME100463) can bind Anti-TweakR Neutralizing antibody BME100031 in a linear range of 0.64-80 ng/ml.

