

## HUMAN TWEAKR PROTEIN, MFC TAG

**Cat.#:** 11275

**Product Name:** Human TweakR Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** TNFRSF12A;GF-inducible 14;N14;weakR;D266

**Target:** TweakR

**UNIPROT ID:** Q9NP84

**Description:** Recombinant human TweakR protein with C-terminal mouse Fc tag

**Background:** 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

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 31.8 kDa after removal of the signal peptide.

**Molecular Characterization:** TweakR(Glu28-Pro80) mFc(Pro99-Lys330)

**Purity:** The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**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.

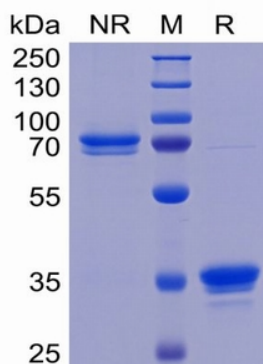


Figure 1. Human TweakR Protein, mFc Tag on SDS-PAGE under non-reducing (NR) and reducing (R) conditions.

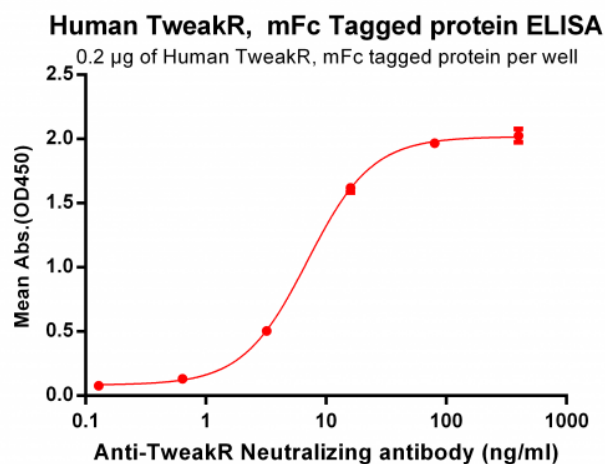


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human TweakR, mFc tagged protein (11275) can bind Anti-TweakR Neutralizing antibody 28040 in a linear range of 0.64-80 ng/ml.