

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;tweakR;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.

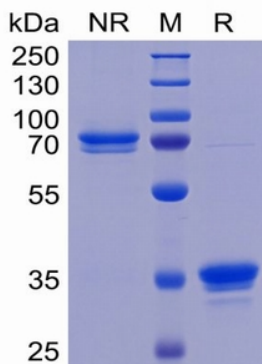


Figure 1. Human TweakR Protein, mFc Tag on SDS-PAGE under non-reducing (NR) and reducing (R) conditions.

Human TweakR, mFc Tagged protein ELISA

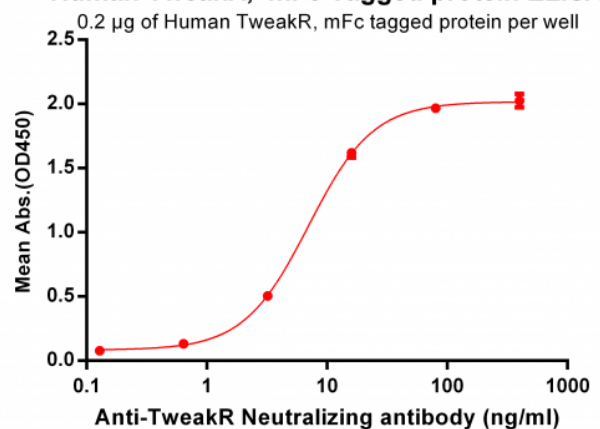


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human TweakR, mFc tagged protein (11275) can bind Anti-TweakR Neutralizing antibody 28040 in a linear range of 0.64-80 ng/ml.