

MOUSE TWEAKR PROTEIN, HFC TAG

Cat.#: 12183

Product Name: Mouse TweakR Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: TNFRSF12A;FGF-inducible 14;FN14;CD266

Target: TweakR

UNIPROT ID: Q9CR75

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

Background: Receptor for TNFSF12/TWEAK (By similarity). Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 31.4 kDa after removal of the signal peptide. The apparent molecular mass of mTweakR-hFc is approximately 25–35 kDa due to glycosylation.

Molecular Characterization: Mouse TweakR(Glu28-Leu78) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% 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.

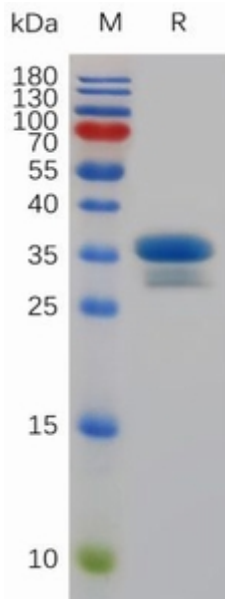


Figure 1. Mouse TweakR Protein, hFc Tag on SDS-PAGE under reducing condition.