

MOUSE TACI PROTEIN, HFC TAG

Cat.#: 12189

Product Name: Mouse TACI Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD267;Tnfrsf13b

Target: TACI

UNIPROT ID: Q9ET35

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

Background: Receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS that binds both ligands with similar high affinity. Mediates calcineurin-dependent activation of NF-AT, as well as activation of NF-kappa-B and AP-1. Involved in the stimulation of B- and T-cell function and the regulation of humoral immunity (By similarity).[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 40.2 kDa after removal of the signal peptide. The apparent molecular mass of mTACI-hFc is approximately 40-55 kDa due to glycosylation.

Molecular Characterization: Mouse TACI(Met1-Thr125) 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.

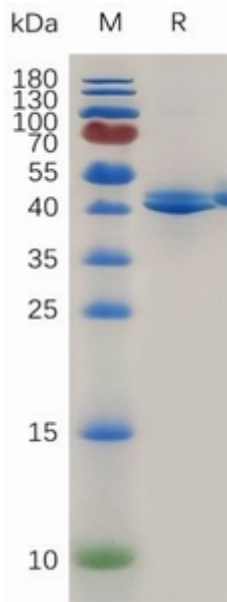


Figure 1. Mouse TACI Protein, hFc Tag on SDS-PAGE under reducing condition.