

## 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.

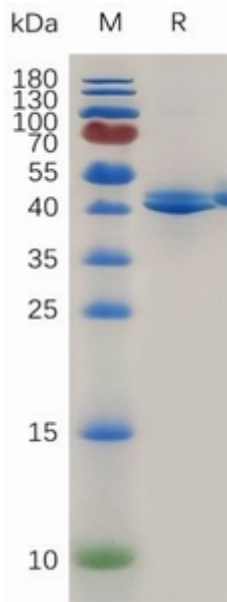


Figure 1. Mouse TACI Protein, hFc Tag on SDS-PAGE under reducing condition.