

HUMAN TM4SF1 PROTEIN, HFC TAG**Cat.#:** 11338**Product Name:** Human TM4SF1 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** H-L6;L6;M3S1;TAAL6**Target:** TM4SF1**UNIPROT ID:** P30408**Description:** Recombinant human TM4SF1 protein with N-terminal Human Fc tag**Background:** The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface antigen and is highly expressed in different carcinomas.**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 31.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-TM4SF1 is approximately 35–55 kDa due to glycosylation.**Molecular Characterization:** hFc(Glu99-Ala330) TM4SF1 (Leu115-Ser161)**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.

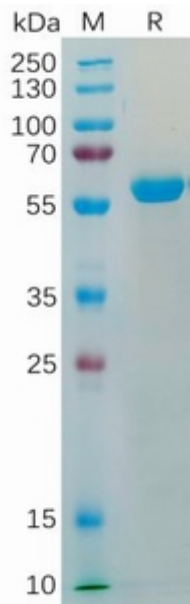


Figure 1. Human TM4SF1 Protein, hFc Tag on SDS-PAGE under reducing condition.