

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.

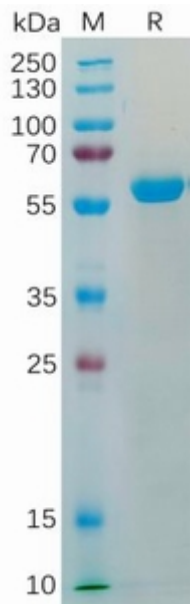


Figure 1. Human TM4SF1 Protein, hFc Tag on SDS-PAGE under reducing condition.