

## HUMAN TSPAN8 PROTEIN, HFC TAG

**Cat.#:** 11801

**Product Name:** Human TSPAN8 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** CO-029;TM4SF3

**Target:** TSPAN8

**UNIPROT ID:** P19075

**Description:** Recombinant Human TSPAN8 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 glycoprotein that is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq, Jul 2008]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of hFc-TSPAN8 is approximately 40-55 kDa due to glycosylation.

**Molecular Characterization:** hFc(Glu99-Ala330) TSPAN8(Lys110-Asn205)

**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.

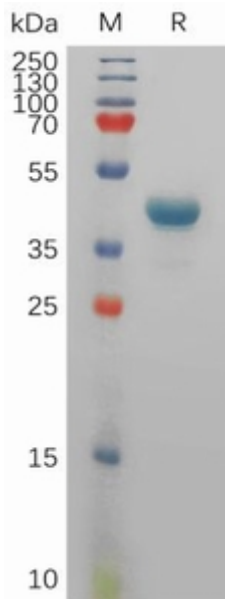


Figure 1. Human TSPAN8 Protein, hFc Tag on SDS-PAGE under reducing condition.