

## MOUSE CD27 PROTEIN, HFC TAG

**Cat.#:** 12135

**Product Name:** Mouse CD27 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** S152;Tnfrsf7;Tp55

**Target:** CD27

**UNIPROT ID:** P41272

**Description:** Recombinant mouse CD27 protein with C-terminal human Fc tag

**Background:** Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.[UniProtKB/Swiss-Prot Function]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 43.9 kDa after removal of the signal peptide. The apparent molecular mass of mCD27-hFc is approximately 55-70 kDa due to glycosylation.

**Molecular Characterization:** Mouse CD27(Pro24-Arg182) 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.



Figure1. Mouse CD27 Protein, hFc Tag on SDS-PAGE under reducing condition.