

HUMAN CD69 PROTEIN, HFC TAG**Cat.#:** 11403**Product Name:** Human CD69 Protein**Size :** 10 µg, 50 µg and 100 µg**Synonyms:** AIM;BL-AC/P26;CLEC2C;EA1;GP32/28;MLR-3**Target:** CD69**UNIPROT ID:** Q07108**Description:** Recombinant Human CD69 Protein with N-terminal human Fc tag**Background:** This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. [provided by RefSeq, Aug 2011]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 42.1 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CD69 is approximately 55–70 kDa due to glycosylation.**Molecular Characterization:** hFc(Glu99-Ala330) CD69(Ser62-Lys199)**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.

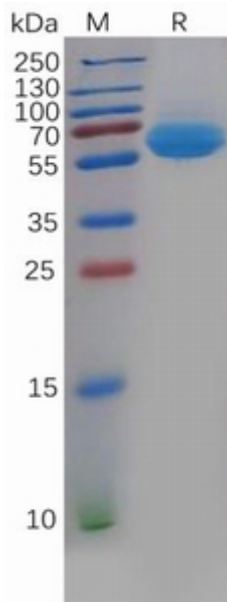


Figure 1. Human CD69 Protein, hFc Tag on SDS-PAGE under reducing condition.