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.

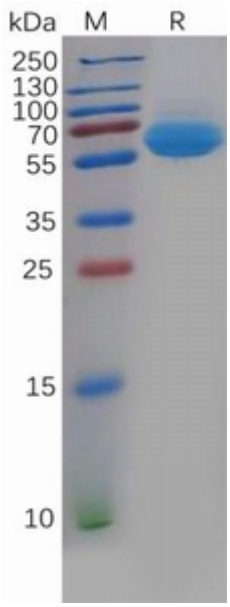

Figure 1. Human CD69 Protein, hFc Tag on SDS-PAGE under reducing condition.