HUMAN COLEC10 PROTEIN, HFC TAG

Cat.#: 11639

Product Name: Human COLEC10 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: 3MC3;CL-10;CL-34;CLL1

Target: COLEC10

UNIPROT ID: Q9Y6Z7

Description: Recombinant Human COLEC10 Protein with C-terminal human Fc tag

Background: This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. The other members of this family are secreted proteins and bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. This gene product is a cytosolic protein, a characteristic that suggests that it may have different biological functions than other C-lectins. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 53.8 kDa after removal of the signal peptide.The apparent molecular mass of COLEC10-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: COLEC10(Leu28-Lys277) 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.

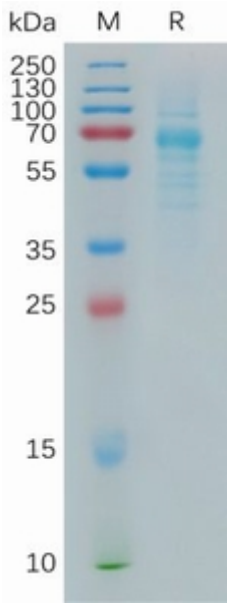

Figure 1. Human COLEC10 Protein, hFc Tag on SDS-PAGE under reducing condition.