HUMAN CLEC9A PROTEIN, HFC TAG

Cat.#: 11407

Product Name: Human CLEC9A Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CD370;DNGR-1;DNGR1;UNQ9341

Target: CLEC9A

UNIPROT ID: Q6UXN8

Description: Recombinant Human CLEC9A Protein with N-terminal human Fc tag

Background: CLEC9A is a group V C-type lectin-like receptor (CTLR) that functions as an activation receptor and is expressed on myeloid lineage cells (Huysamen et al., 2008 [PubMed 18408006]).[supplied by OMIM, Aug 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 47.3 kDa after removal of the signal peptide.The apparent molecular mass of hFc-CLEC9A is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) CLEC9A(Lys57-Val241)

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.

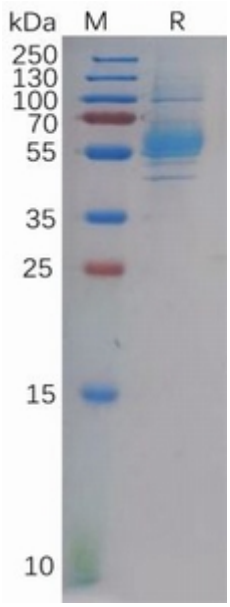

Figure 1. Human CLEC9A Protein, hFc Tag on SDS-PAGE under reducing condition.