HUMAN SIGLEC9 PROTEIN, HIS TAG

Cat.#: 11715

Product Name: Human SIGLEC9 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CD329;CDw329;FOAP-9;OBBP-LIKE;siglec-9

Target: SIGLEC9

UNIPROT ID: Q9Y336

Description: Recombinant human SIGLEC9 protein with C-terminal 6xHis tag

Background: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- or alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 36.9 kDa after removal of the signal peptide. The apparent molecular mass of SIGLEC9-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: SIGLEC9(Gln18-Gly348) 6×His tag

Purity: The purity of the protein is greater than 85% 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.

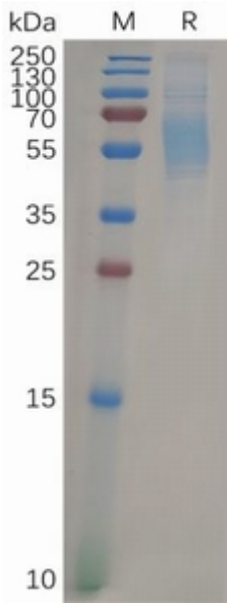

Figure 1. Human SIGLEC9 Protein, His Tag on SDS-PAGE under reducing condition.