

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) 6xHis 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.

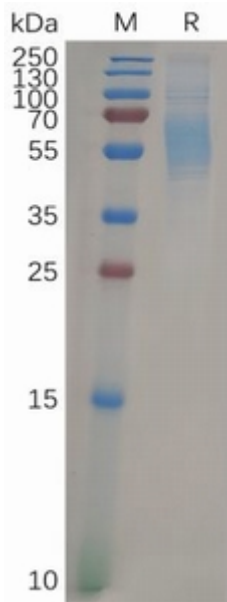


Figure 1. Human SIGLEC9 Protein, His Tag on SDS-PAGE under reducing condition.