PRODUCT INFORMATION

Target	SIGLEC9
Synonyms	CD329;CDw329;FOAP-9;OBBP-LIKE;siglec-9
Description	Recombinant human SIGLEC9 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9Y336
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	SIGLEC9(Gln18-Gly348) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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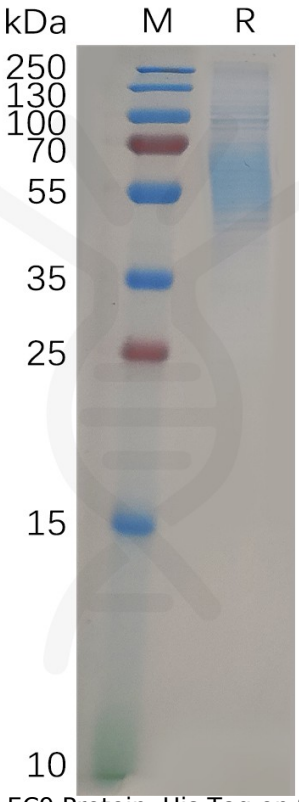


Figure 1. Human SIGLEC9 Protein, His Tag on SDS-PAGE under reducing condition.

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