# Recombinant Human SIGLEC9/CD329 Protein (His Tag)

**Catalog No.** PKSH033787

***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

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|---|---|
| **Synonyms** | Sialic acid-binding Ig-like lectin 9;Siglec-9;CDw329;Protein FOAP-9;SIGLEC9 |
| **Species** | Human |
| **Expression Host** | HEK293 Cells |
| **Sequence** | Gln18-Gly348 |
| **Accession** | AAH35365.2 |
| **Calculated Molecular Weight** | 36.9 kDa |
| **Observed molecular weight** | 55-90 kDa |
| **Tag** | C-His |
| **Bioactivity** | Not validated for activity |

## Properties

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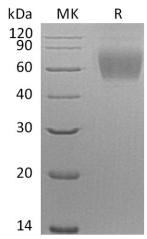
|---|---|
| **Purity** | > 95 % as determined by reducing SDS-PAGE. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |
| **Storage** | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months. |
| **Shipping** | This product is provided as lyophilized powder which is shipped with ice packs. |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution of PBS, 2mM EDTA, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. |
| **Reconstitution** | Please refer to the printed manual for detailed information. |

## Data




> 95 % as determined by reducing SDS-PAGE.

## Background

Sialic acid-binding Ig-like lectin 9(Siglec 9) is expressed by peripheral blood leukocytes (neutrophils and monocytes but not eosinophils); and found in liver; fetal liver; bone marrow; placenta; spleen and in lower levels in skeletal muscle; fetal



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brain and so on. It is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. It also 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.


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