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# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


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# Recombinant Human Siglec-7/CD328 (C-6His)

Catalog No. PKSH033850

## Description

| | |
|---|---|
| **Synonyms** | Sialic acid-binding Ig-like lectin 9;Siglec-9;CDw329;Protein FOAP-9;SIGLEC9 |
| **Species** | Human |
| **Expression_host** | Human Cells |
| **Sequence** | Gln19-Leu353 |
| **Accession** | Q9Y286 |
| **Mol_Mass** | 37.8 kDa |
| **AP_Mol_Mass** | 50-70 kDa |
| **Tag** | C-6His |

## Properties

| | |
|---|---|
| **Purity** | >95% as determined by reducing SDS-PAGE. |
| **Endotoxin** | < 1.0 EU per μg as determined by the LAL method. |
| **Storage** | Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. 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, pH 7.4. |
| **Reconstitution** | Please refer to the printed manual for detailed information. |

## Background

Siglecs (sialic acid binding Ig-like lectins) are I-type (Ig-type) lectins belonging to the Ig superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Eleven human Siglecs have been cloned and characterized. Human Siglec-7 encodes a 467 amino acid (aa) polypeptide with a hydrophobic signal peptide, an N-terminal Ig-like V-type domain, two Ig-like C2-type domains, a transmembrane region and a cytoplasmic tail. Siglec-7 exists as a monomer on the cell surface and is expressed on natural killer cells, CD8+ T cells and monocytes. It binds equally well to both alpha 2,3- and alpha 2,6-linked sialic acid. The gene encoding Siglec-7 was mapped to chromosome 19q13.3.

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## SDS-PAGE