



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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systems biology

# **SIGLEC7 Recombinant Protein (OPCD06984)**

Data Sheet

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Product Number	OPCD06984
Product Page	<a href="http://www.avivasybio.com/siglec7-recombinant-protein-opcd06984.html">www.avivasybio.com/siglec7-recombinant-protein-opcd06984.html</a>
Name	SIGLEC7 Recombinant Protein (OPCD06984)
Protein Size (# AA)	Gly18~Pro191 amino acids
Molecular Weight	44kDa
Tag	N-terminal His Tag
Conjugation	Unconjugated
NCBI Gene Id	27036
Host	E.coli
Purity	> 95%
Concentration	200 ug/mL (prior to lyoph)
Source	E.coli
Gene Full Name	sialic acid binding Ig like lectin 7
Alias Symbols	Adhesion inhibitory receptor molecule 1;adhesion inhibitory receptor molecule 1, siglec-7;AIRM1;AIRM-1;CD328;CDw328;D-siglec;p75;p75/AIRM1;QA79;QA79 membrane protein;sialic acid binding immunoglobulin-like lectin 7;sialic acid-binding Ig-like lectin 7;SIGLEC19P;SIGLEC-7;SIGLECP2.
Product Format	Freeze-dried Powder. PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Description of Target	Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- and alpha-2,6-linked sialic acid. Also binds disialogangliosides (disialogalactosyl globoside, disialyl lactotetraosylceramide and disialyl GalNAc lactotetraosylceramide). The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Mediates inhibition of natural killer cells cytotoxicity. May play a role in hemopoiesis. Inhibits differentiation of CD34+ cell precursors towards myelomonocytic cell lineage and proliferation of leukemic myeloid cells (in vitro).
Reconstitution and Storage	2°C to 8°C -80°C
Datasheets/Manuals	Printable datasheet for <a href="#">SIGLEC7 Recombinant Protein (OPCD06984)</a>
Additional Information	<b>Endotoxin Level:</b> < 1.0 EU per 1 ug (determined by the LAL method)
Additional Information	<b>Residues:</b> Gly18-leu353
Additional Information	<b>Subcellular Location:</b> Membrane
Uniprot ID	<a href="#">Q9Y286</a>
Protein Name	Sialic acid-binding Ig-like lectin 7
Protein Accession #	<a href="#">NP_001264130.1</a>
Nucleotide Accession #	<a href="#">NM_001277201.1</a>
Gene Symbol	<a href="#">SIGLEC7</a>
Predicted Species Reactivity	Homo sapiens Human
Application	Ctrl (+), SDS-PAGE, WB
Image 1	

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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