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**Product Data Sheet**


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Product Name: SIGLEC9 Human  
 Cat. No.: GP24584  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Sialic Acid Binding Ig Like Lectin 9; Protein FOAP-9; Siglec-9; CDw329; Sialic Acid Binding Ig-Like Lectin 9; Sialic Acid-Binding Ig-Like Lectin 9; CD329 Antigen; OBBP-LIKE; FOAP-9; CD329.		
Amino Acid Sequence	ADPQTSKLLT MQSSVTVQEG LCVHVPCSF S YPSHGWIYPG PVVHGYWFRE GANTDQDAPV ATNNPARAVW EETRDRFHLL GDPHTKNCTL SIRDARRSDA GRYFFRMEKG SIKWNYKHHR LSVNVTAL TH RPNILIPGTL ESGCPQNLTC SVPWACEQGT PPMISWIGTS VSPLDPSTTR SSVLTLIPQP QDHGTSLTCQ VTFPGASVTT NKTVHLNVS Y PPQNLTM TVF QGDGTVSTVL GNGSSLSLPE GQSLRLVCAV DAVDSNPPAR LSLSWRGLTL CPSQPSNPGV LELPWVHLRD AAFTCRAQN PLGSQQVYLN VSLQSKATSG VTQGLEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH.		
Formulation	SIGLEC9 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

**Introduction**

Sialic Acid Binding Ig Like Lectin 9 (SIGLEC9) is a member of the sialic acid-binding Ig-like lectin family, which is a part of the immunoglobulin superfamily expressed mostly on human blood leukocytes. SIGLEC9 is a Putative adhesion molecule which is expressed in bone marrow, placenta, spleen, and fetal liver. SIGLEC9 is also a part of the recently characterized CD33-related Siglec family of sialic acid binding protein.

**Stability**

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

SIGLEC9 Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 573 amino acids (18-348a.a.) and having a molecular mass of 63.3kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). SIGLEC9 is expressed with a 239 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

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