

## Siglec-9 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P78039
Synonyms:	CD329; CDw329; FOAP-9; OBBP-Like; Siglec-9; SIGLEC9
Species:	Human
Source:	HEK293
Accession:	Q9Y336 (Q18-G348)
Gene ID:	27180
Molecular Weight:	80-110 kDa

### PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Siglec-9 protein, identified as a putative adhesion molecule, serves as a mediator in sialic-acid dependent cellular binding. It exhibits a preference for binding to alpha-2,3- or alpha-2,6-linked sialic acid. Notably, the sialic acid recognition site of Siglec-9 may undergo masking due to cis interactions with sialic acids on the same cell surface.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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