

## Product datasheet for PH306674

### SIGLEC9 (NM\_014441) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SIGLEC9 MS Standard C13 and N15-labeled recombinant protein (NP_055256)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206674
Predicted MW:	50.1 kDa
Protein Sequence:	>RC206674 protein sequence Red=Cloning site Green=Tags(s)

MLLLLLPLLWGRERAEGQTSKLLTMQSSVTVQEGLCVHVPCSFSYPSHGWIYPGPVVHGWFREGANTDQ  
DAPVATNNPARAYWEETDRFHLLGDPHTENCLTSIRDARRSDAGRYFFRMEKGSIKWNYKHRLSVNVT  
ALTHRPNILIPGTLESGCPQNLTCVWPWACEQGTTPMISWIGTSVSPDPSTTRSSVLTLPQPQDHGTS  
LTCQVTFPGASVTTNKTVHLNVSYPQNLMTVFQGDGTVSTVLGNGSSLSLPEGQSLRLVCAVDAVDSN  
PPARLSLSWRGLTLCPSQPSNPGVLELPWVHLRDEAEFTCRAQNPLGSQQVYLVNLSLQSKATSGVTQGVV  
GGAGATALVFLSFCVIFVVVRSRKKKSARPAAGVGDGTGIEDANAVRGSASQGPLTEPWAEDSPDQPPPA  
SARSSVGEGELQYASLSFQMVKPWDSRQGEATDTEYSEIKIHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_055256</a></u>
RefSeq Size:	1737
RefSeq ORF:	1389
Synonyms:	CD329; CDw329; FOAP-9; OBBP-LIKE; siglec-9



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Locus ID: 27180

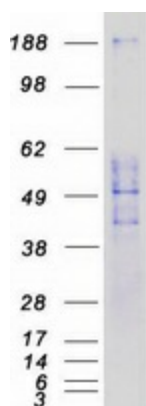
UniProt ID: [Q9Y336](#)

Cytogenetics: 19q13.41

Summary: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified SIGLEC9 protein (Cat# [TP306674]). The protein was produced from HEK293T cells transfected with SIGLEC9 cDNA clone (Cat# [RC206674]) using MegaTran 2.0 (Cat# [TT210002]).