

# Siglec-15

Catalog # PVGS1621

## Product Information

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<b>Primary Accession Species</b>	<a href="#">Q6ZMC9</a> Human
<b>Sequence</b>	Phe20-Thr263
<b>Purity</b>	> 90% as analyzed by SDS-PAGE
<b>Endotoxin Level Biological Activity</b>	Immobilized Anti-Siglec15 at 1.0 $\mu$ g/ml (100 $\mu$ l/well) can bind Siglec-15, hFc, Human with a $EC_{50}$ = 5.184 ng/ml and a linear range of 0.064 $\pm$ 200.0 ng/ml when detected by Mouse Anti-Human IgG Fc-HRP.
<b>Expression System</b>	HEK 293
<b>Formulation Reconstitution</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS. It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O or PBS up to 100 $\mu$ g/ml.
<b>Storage &amp; Stability</b>	Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Gene ID</b>	284266
<b>Other Names</b>	Sialic acid-binding Ig-like lectin 15, Siglec-15, CD33 antigen-like 3, SIGLEC15, CD33L3
<b>Target Background</b>	Siglec-15 preferentially recognizes the Neu5Acalpha2-6GalNAcalpha-structure. Siglec-15 associates with the activating adaptor proteins DNAX activation protein (DAP)12 and DAP10 via its lysine residue in the transmembrane domain. Siglec-15 is the second human Siglec identified to have an activating signaling potential; unlike Siglec-14, however, it does not have an inhibitory counterpart.

## Protein Information

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<b>Name</b>	SIGLEC15
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<b>Synonyms</b>	CD33L3
<b>Function</b>	Binds sialylated glycoproteins.
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein.
<b>Tissue Location</b>	Expressed in macrophage and/or dendritic cells of spleen and lymph nodes

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.