

RPCB1961

Product Information

Product SKU:	RPCB1961	Gene ID:	243958	Size:	10µg
Tag:	C-hFc	Reactivity:	Mouse		

Additional Information

Expression Host: Mammalian expression system
Swissprot: Q80ZE3
Purity: > 95% by SDS-PAGE.

Protein Information

Background: Siglecs (sialic acid binding Ig-like lectins) belong to the immunoglobulin superfamily. Siglec-G is the apparent ortholog of human Siglec-10. It is expressed by mature B cells, but significant levels of transcript were also detected in DC, myeloid cells, and to a lesser extent, T cells. Mature Siglec-G consists of a 526 amino acid (aa) extracellular domain (ECD), a 21 aa transmembrane segment, and a 124 aa cytoplasmic domain. Siglec-G is a member of the CD33-related Siglec family in the mouse, and is involved in negative regulation of B-cell antigen receptor signaling and specifically acts on B1 cells to inhibit Ca²⁺ signaling, cellular expansion and antibody secretion.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse Siglec-10 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: < 1.0 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Storage: Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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