

Datasheet for ABIN7520499
SIGLEC10 Protein (His tag)



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Overview

Quantity:	100 µg
Target:	SIGLEC10
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SIGLEC10 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Siglec-10 Protein
Specificity:	Met17-Thr546
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Immobilized human Siglec-10 at 0.5 µg/mL (100 µL/well), dose response curve for Anti-Siglec10 with the EC ₅₀ of 8.6 ng/mL determined by ELISA.

Target Details

Target:	SIGLEC10
Alternative Name:	Siglec-10 (SIGLEC10 Products)

Target Details

Background:	<p>Description: Siglec-10 is a ligand for CD52, the target of the therapeutic monoclonal antibody Alemtuzumab. It is also reported to bind to Vascular adhesion protein 1 (VAP-1) and to the co-stimulatory molecule CD24 also known as HSA (Heat-stable antigen). Siglecs (sialic acid binding Ig-like lectins) are I-type lectins that belong to the immunoglobulin superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by a varying number of Ig-like C2-type domains. Siglecs 5-11 constitute the CD33/Siglec-3 related group, and are differentially expressed in the hematopoietic system</p> <p>Name: SLG2, PRO940, SIGLEC-10, SIGLEC10</p>
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Gene ID:	89790
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UniProt:	Q96LC7
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	-20 °C, -80 °C
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Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>
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