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Datasheet for ABIN7194471 CLEC10A Protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	CLEC10A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC10A protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CLEC10A/CD301 Protein (Fc Tag)
Sequence:	Gln61-His292
Characteristics:	A DNA sequence encoding the human CLEC10A (Q8IUN9-2) (Gln61-His292) was expressed, with the fused Fc region of human IgG1 at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CLEC10A
Alternative Name:	CLEC10A/CD301 (CLEC10A Products)
Background:	Background: CLEC10A, also known as the macrophage galactose-type calcium-type lectins (MGLs, CD301) constitute a unique class of C-type lectins because of their specificity for galactose and its structural homologues. MGLs/CD301 is a type II transmembrane

Target Details

glycoproteins and is expressed on macrophages and related cells of myeloid origins, particularly immature dendritic cells (DCs). There are 2 homologues: MGL1 and MGL2 (CD301a and CD301b) in mice. MGL1/CD301a induces both the production and secretion of interleukin (IL)-10. MGL1/CD301a plays a protective role against colitis by effectively inducing IL-10 production by colonic lamina propria macrophages in response to invading commensal bacteria.

Synonym: C-Type Lectin Domain Family 10 Member A, C-Type Lectin Superfamily Member 14, Macrophage Lectin 2, CD301, CLEC10A, CLECSF13, CLECSF14, HML

Molecular Weight:	54.6 kDa
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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