

Active Recombinant Human CLEC12A protein, Fc-Avi-tagged, Biotinylated

Cat. No. CLEC12A-2947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CLEC12A protein(His 65-Ala 265), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	His 65-Ala 265
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human CLEC12A, Fc,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Monoclonal Anti-Human CLEC12A Antibody, Human IgG1 with a linear range of 0.1-2 ng/mL. Immobilized Monoclonal Anti-Human CLEC12A Antibody, Human IgG1 at 1 μg/mL (100 μL/well) can bind Biotinylated Human CLEC12A, Fc,Avitag with a linear range of 0.8-13 ng/mL.
Molecular Mass	This protein carries an Avi tag (Avitag™) at the N-terminus, followed by a human IgG1 Fc tag. The protein has a calculated MW of 51.9 kDa. The protein migrates as 65-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CLEC12A C-type lectin domain family 12, member A [Homo sapiens]
Official Symbol	CLEC12A
Synonyms	CLEC12A; C-type lectin domain family 12, member A; C-type lectin domain family 12 member A; CLL 1; MICL; C-type lectin superfamily; C-type lectin protein CLL-1; C-type lectin-like molecule-1; dendritic cell-associated lectin 2; myeloid inhibitory C-type lectin-like receptor; CLL1; CLL-1; DCAL-2; MGC70602;
Gene ID	160364
mRNA Refseq	NM_001207010
Protein Refseq	NP_001193939
MIM	612088

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UniProt ID

Q5QGZ9

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