

# Active Recombinant Human CLEC12A protein, His-tagged, FITC-Labeled

**Cat. No.** CLEC12A-2949H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | FITC-Labeled Recombinant Human CLEC12A protein(His 65-Ala 265), fused with His tag, was expressed in HEK293.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | His 65-Ala 265  |
| <b>Form</b>             | Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.  |
| <b>Bio-activity</b>     | 2e5 of Anti-CLEC12A CAR-293 cells were stained with 100 μL of 10 μg/mL of FITC-Labeled Human CLEC12A, His Tag and negative control protein respectively. FITC signal was used to evaluate the binding activity. |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 25.6 kDa. The protein migrates as 35-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.        |
| <b>Endotoxin</b>        | Less than 1.0 EU per μg by the LAL method.  |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.   |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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** FITC

## 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](#)

**UniProt ID** [Q5QGZ9](#)

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