

# Recombinant Cynomolgus CLEC12A/MICL/CLL-1 Protein www.abclonal.com

Catalog No.: RP02726 Recombinant

## **Sequence Information**

Species Gene ID Swiss Prot
Cynomolgus A0A2K5WXQ
6-1

Tags N-His

Synonyms

MICL; CLL-1; CLEC12A; CLL1; DCAL2; DCAL-2; CD371; CD303; CLECSF11; CLECSF7; DLEC; HECL; PRO34150;

DCAL-2

## **Product Information**

## Source Purification

HEK293 cells ≥ 95 % as determined by Tris-

Bis PAGE;≥ 95 % as determined by

HPLC.

## Calculated MW Observed MW

24.6 kDa 38-50 kDa

#### **Endotoxin**

< 1 EU/ $\mu g$  of the protein by LAL method.

### **Formulation**

## 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

#### Contact

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## **Background**

CLEC12A has recently been identified as an antigen, expressed on leukemic stem cells and leukemic blasts. Given the fact that this expression profile seems stable throughout diagnosis, treatment and relapse on leukemic blasts and leukemic stem cells, CLEC12A can be considered a highly potent and reliable marker for the detection of measurable residual disease and therefore applicable for risk stratification and prognostication in AML.

### **Basic Information**

#### **Description**

Recombinant Cynomolgus CLEC12A/MICL/CLL-1 Protein is expressed from Expi293 with His tag at the N-terminal. It contains His65-Ala265.

## **Bio-Activity**

### **Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

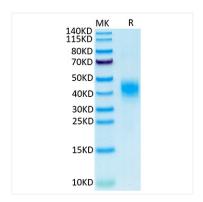
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

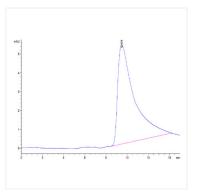
#### **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

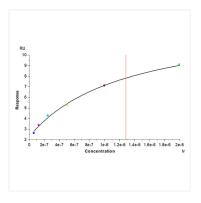
## **Validation Data**



Recombinant Cynomolgus CLEC12A/MICL/CLL-1 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Cynomolgus CLEC12A is greater than 95% as determined by SEC-HPLC.



Anti-CLEC12A Antibody captured on CM5 Chip via Protein A can bind Cynomolgus CLEC12A, His Tag with an affinity constant of 1.28  $\mu$ M as determined in SPR assay (Biacore T200).