Recombinant Cynomolgus CLEC12A/MICL/CLL-1 Protein

Catalog No.: RP02726

Sequence Information

Species
Cynomolgus

Gene ID

Swiss Prot
A0A2K5WXQ6-1

Tags
N-His

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

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
24.6 kDa

Observed MW
38-50 kDa

Endotoxin
< 1 EU/μg 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.

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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

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

Contact

400-999-6126
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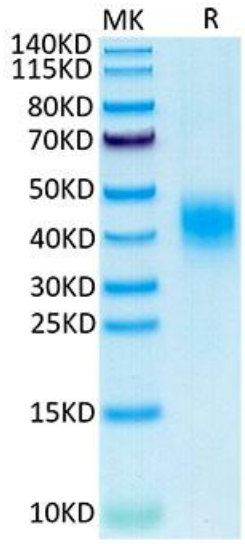
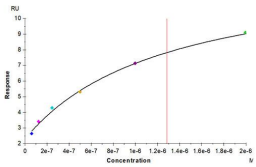
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

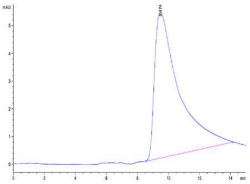
Validation Data



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



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



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

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