

CLEC12A/MICL/CLL-1

Catalog # PVGS1835

Specification

CLEC12A/MICL/CLL-1 - Product Information

Primary Accession
Species
Cynomologus

A0A2K5WXQ6

Sequence His32-Ala232

Purity

> 95% as determined by Bis-Tris PAGE

Endotoxin Level

Less than 1EU per µg by the LAL method.

Expression System

HEK293

Theoretical Molecular Weight

24.6 kDa

Formulation

Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).

Reconstitution

It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂0 more than 100 µg/ml.

Storage & Stability

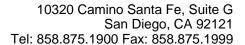
Upon receiving, the product remains stable up to 6 months at -20 $^{\circ}$ C or below. Upon reconstitution, the product should be stable for 3 months at -80 $^{\circ}$ C. Avoid repeated freeze-thaw cycles.

CLEC12A/MICL/CLL-1 - Additional Information

Target Background

CLEC12A, also known as CLL-1 is inhibitory C-type lectin-like receptor with ITIM motif. It can associate with signaling phosphatases SHP-1 and SHP-2. CLEC12A is a potential target due to its high expression in acute myeloid leukemia (AML) cells. And there are various therapeutic approaches using CLEC12A as a target for AML, such as CD3/ CLEC12A antibody. It can recruit unstimulated primary T cells against cancer cells with CLL-1 on the surface.

CLEC12A/MICL/CLL-1 - Protein Information





CLEC12A/MICL/CLL-1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CLEC12A/MICL/CLL-1 - Images