

**CLEC12A/MICL/CLL-1**  
**Catalog # PVGS1845****Specification**

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**CLEC12A/MICL/CLL-1 - Product Information**

Primary Accession [Q504P2-1](#)  
**Species**  
Mouse

**Sequence**  
Tyr65-Arg267

**Purity**  
> 95% as determined by Bis-Tris PAGE  
> 95% as determined by HPLC

**Endotoxin Level**  
Less than 1EU per µg by the LAL method.

**Expression System**  
HEK293

**Theoretical Molecular Weight**  
24.9 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 ddH<sub>2</sub>O more than 100 µg/ml.

**Storage & Stability**  
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CLEC12A/MICL/CLL-1 - Images**