10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CLEC12A/MICL/CLL-1
Catalog # PVGS1835

Specification

CLEC12A/MICL/CLL-1 - Product Information

Primary Accession A0A2K5WXQ6

Species
Cynomolgus

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 ddH₂O 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

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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 Cytomety
- Cell Culture

CLEC12A/MICL/CLL-1 - Images