10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CLEC12A/MICL/CLL-1

Catalog # PVGS1842

Product Information

Primary Accession	Q5QGZ9-2
Species	Human
Sequence	His65-Ala265
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Immobilized CLEC12A/MICL/CLL-1[Biotin], His&Avi, Human (Cat.No.: Z03959) at 1 μg/ml (100 μl/Well) on the streptavidin precoated plate can bind Anti-CLEC12A Antibody, hFc Tag
Expression System	HEK293
Theoretical Molecular Weight	26.4 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_2O 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.

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.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.