

Nectin-2/CD112

Catalog # PVGS1619

Product Information

Primary Accession Species	Q92692-2 Human
Sequence	Gln32-Leu360
Purity	> 90% as analyzed by SDS-PAGE
Endotoxin Level	
Expression System	HEK 293
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS.
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 ₂ O or PBS up to 100 μ g/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

Additional Information

Target Background	Nectin-2, also known as CD112 (Cluster of Differentiation 226) and PVRL2 (Poliovirus receptor-related 2), is a human plasma membrane glycoprotein. This protein is a modulator of T-cell signaling and can be either a costimulator of T-cell function or a coinhibitor, depending on the receptor it binds to. Upon binding to CD226, it stimulates T-cell proliferation and cytokine production, including that of IL-2, IL-5, IL-10, IL-13, and IFN γ . It can also inhibit T-cell proliferation upon interaction with PVRIG. Nectin-2 also acts as a receptor for herpes simplex virus 1 (HHV-1) mutant Rid1, herpes simplex virus 1 (HHV-2) and pseudorabies virus (PRV).
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Protein Information

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