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# Nectin-2/CD112

Catalog # PVGS1619

## Product Information

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| **Primary Accession** | Q92692-2 |
| **Species** | Human |
| **Sequence** | Gln32-Leu360 |
| **Purity** | > 90% as analyzed by SDS-PAGE |
| **Endotoxin Level** | |
| **Expression System** | HEK 293 |
| **Formulation** | Lyophilized from a 0.2 μm 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 $ddH_2O$ or PBS up to 100 μg/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

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| **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 IFNγ. 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). |

## Protein Information

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