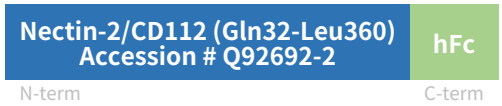
Rev04
Update: Mar,01,2022

DATASHEET

Nectin-2/CD112 Fc Chimera, Human

Cat. No.: Z03456

Product Introduction

Species	Human
Protein Construction	
Purity	> 90% as analyzed by SDS-PAGE
Endotoxin Level	< 1 EU/μg of protein by gel clotting method
Expression System	HEK 293
Apparent Molecular Weight	~75.2 kDa, on SDS-PAGE under reducing conditions.
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.

Background

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).

Synonyms : NECTIN2; CD112; HVEB; PRR2; PVRR2; PVRL2; nectin cell adhesion molecule 2

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

GenScript USA, Inc.
860 Centennial Ave. Piscataway, NJ 08854
Tel: 1-732-885-9188