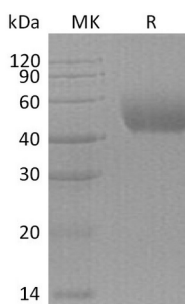


概述 (Summary)

英文全称	Nectin-1/PVRL1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Poliovirus Receptor-Related Protein 1 is produced by our Mammalian expression system and the target gene encoding Gln31-Thr334 is expressed with a 6His tag at the C-terminus.
Accession #	Q15223
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	34.99 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human Nectin-1 (C-6His)
Catalog #: PHH1202



背景 (Background)

分子别名 (Alternative Names)

Poliovirus Receptor-Related Protein 1; Herpes Virus Entry Mediator C; Herpesvirus Entry Mediator C; HveC; Herpesvirus Ig-Like Receptor; HlgR; Nectin-1; CD111; PVRL1; HVEC; PRR1

背景介绍 (References)

Nectin-1 is a type I transmembrane glycoprotein belonging to the Ig superfamily. Nectin-1 promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between Nectin-1 and Nectin-3 and between Nectin-1 and Nectin-4. Nectin ECDs contain three Ig like domains: an N terminal V type that mediates ligand binding, and two C2 type. Nectin-1 binds viral Glycoprotein D to mediate Herpesvirus (but not Poxvirus) entry into vaginal mucosa, sensory neurons and fibroblasts. In forming adherens junctions and synapses, Nectin-1 and Nectin-3 initiate cell-cell interactions, recruiting $\alpha\beta3$ integrin extracellularly and cadherins intracellularly through afadin and other junctional proteins. These interactions organize the cytoskeleton, strengthen attachment to basement membrane and promote further cell-cell connections. Nectin-1 and Nectin-3 have been found to localize assymmetrically along the chemical synapse, with Nectin-1 primarily on the axonal side and Nectin-3 on the dendritic side. Deficiency of Nectin-1 can result in cleft lip/palate ectodermal dysplasia. Nectin-1 downregulation in epithelial cancers is mediated in part by ectodomain shedding, but it may contribute to invasiveness.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.