

Product Name: Recombinant Mouse Nectin-2 (C-6His)
Catalog #: PHM0283

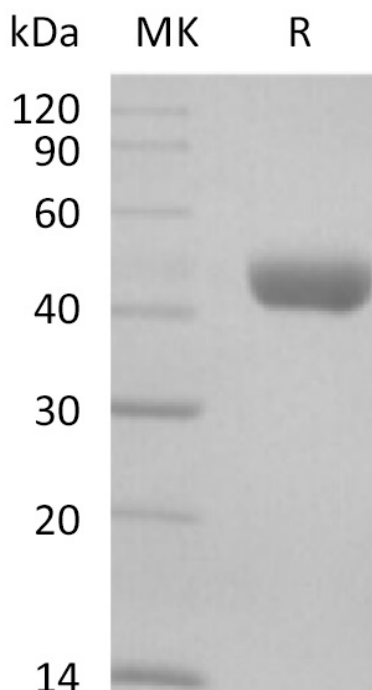


Summary

Name	Nectin-2/CD112/PVRL2/Pvr/Mph/Pvs
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Poliovirus Receptor-Related Protein 2 is produced by our Mammalian expression system and the target gene encoding Gln32-Gly351 is expressed with a 6His tag at the C-terminus.
Accession #	P32507
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	35.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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.

SDS-PAGE image

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Alternative Names

CD112; nectin2; Herpes virus entry mediator B; Herpesvirus entry mediator B; HveB; Murine herpes virus entry protein B; mHveB; Poliovirus receptor homolog; Poliovirus receptor-related protein 2; Pvr12

Background

Nectin-2(CD112) is a member of the nectin family, which contains two Ig-like C2-type domains and one Ig-like V-type domain in the extracellular region. Nectins are type I transmembrane glycoproteins that are calcium-independent immunoglobulin (Ig)-like cell adhesion molecules (CAMs). Nectin2 is widely expressed in human tissues including brain, spinal cord, spleen, kidney, heart and liver. It can form trans-heterodimers with PVRL3/nectin-3 and interacts with CD226. Mutations of alleles of the murine CD112 gene can result in conditions such as morphologically aberrant spermatozoa. It may function in allergic reactions, and accordingly may be used as a novel target for anti-allergic therapy.

Note

For Research Use Only , Not for Diagnostic Use.