

Product datasheet for **TP727222**

Nectin2 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Nectin-2/PVRL2/CD112 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln32-Gly351
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	19294
UniProt ID:	P32507
Synonyms:	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
Summary:	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 used as a novel target for anti-allergic therapy.



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