

## 32-8483: Recombinant Mouse Nectin-2/PVRL2/CD112 (C-6His)

**Gene :** Nectin2

**Gene ID :** 19294

**Uniprot ID :** P32507

### Description

Source: Human Cells.

MW :35.6kD.

Recombinant Mouse Nectin-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. 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.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Storage condition :** 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.

**Amino Acid :** QDVRVRVLPEVRGRLGGTVLPCHLLPPTTERVSQVTWQRLDGTVVAAFHPSFGVDFPNSQFSKDRLSFVRAR  
PETNADLRDATLAFRLRVEDEGNYTCEFATFPNGTRRGVTWLRVIAQPENHAEAEVETIGPQSVAVARCVST  
GGRPPARITWISSLGGEAKDTQEPGIQAGTVTIISRYSLVPVGRADGVKVTCTRVEHESFEPIILLPVTLVSRYPPE  
VSIQYDDNWYLGRSEAILTCDVRSNPEPTDYDWSTTSGVFPASAVAQGSQLLVHSDRMVNTTFICTATNAV  
GTGRAEQVILVRESPSTAGAGATGGVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.