

## CD113/NECTIN3 Recombinant Protein

Catalog: NCP0249

Host: E.coli

Tag: His-tag

### BackGround:

Nectin is a Ca<sup>2+</sup>-independent homophilic cell adhesion molecule that belongs to the immunoglobulin superfamily. Human Nectin is identical to the poliovirus receptor-related protein (PRR) and is identified to be the alphaherpesvirus entry mediator. Nectin constitutes a family consisting of at least Nectin 1, 2 and 3. Nectin 2 and 3 are ubiquitously expressed, whereas Nectin 1 is abundantly expressed in brain. Nectin 3, also designated as PRR3, has three splicing variants: Nectin 3 $\alpha$ , 3 $\beta$  and 3 $\gamma$ . Nectin 3 is a transmembrane protein whose extracellular region contains three Ig-like domains. Nectin 3 $\alpha$  and 3 $\beta$ , but not Nectin 3 $\gamma$ , have a C-terminal conserved motif (E/A-X-Y-V). This motif interacts with the PDZ domain of the F-Actin-binding protein, afadin, through which it is linked to the Actin cytoskeleton. Nectin 3 $\alpha$  co-localizes with Nectin 2 at cadherin-based adheren junctions and interacts with afadin.

### Product:

PBS, 4M Urea, PH7.4

### Molecular Weight:

~38kDa

### Swiss-Prot:

Q9NQS3

### Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

### Restriction Sites:

NdeI-XhoI

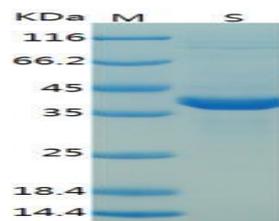
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Expression Vector:

pet-22b(+)

### DATA:



SDS-PAGE Result

### Note:

For research use only, not for use in diagnostic procedure.

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