

## Active Recombinant Mouse Npnt, His-tagged

**Cat. No.** Npnt-346M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Npnt (Accession # AAH68308) Asp20-Cys561, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                                                                                                                  |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                                                                 |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>        | 20-561 a.a.                                                                                                                                                                                                                                                                           |
| <b>Predicted N Terminal</b> | Asp20                                                                                                                                                                                                                                                                                 |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                                                                                                                    |
| <b>Bio-activity</b>         | Measured by the ability of the immobilized protein to support the adhesion of SVEC4-10 mouse vascular endothelial cells. When $5 \times 10^4$ cells/well are added to rmNephronectin coated plates (10 µg/mL, 100 µL/well), approximately 50 - 80% will adhere after 1 hour at 37 °C. |
| <b>Molecular Mass</b>       | Recombinant Mouse Npnt, His-tagged has a calculated MW of 60.3 kDa. In SDS-PAGE migrates as 80-95 kDa, reducing conditions.                                                                                                                                                           |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                                           |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3                                                                                                         |

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months (-70°C).

**GENE INFORMATION****Gene Name** [Npnt nephronectin \[ Mus musculus \]](#)**Official Symbol** [Npnt](#)**Synonyms** NPNT; nephronectin; preosteoblast EGF-like repeat protein with MAM domain; Nctn; POEM; AA682063; AI314031; 1110009H02Rik;**Gene ID** [114249](#)**mRNA Refseq** [NM\\_001029836](#)**Protein Refseq** [NP\\_001025007](#)**MIM** Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA