

Active Recombinant Mouse Npnt, His-tagged

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

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant Mouse Npnt (Accession # AAH68308) Asp20-Cys561, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived. |
| Species | Mouse |
| Source | Mammalian Cells |
| ProteinLength | 20-561 a.a. |
| Predicted N Terminal | Asp20 |
| Form | Lyophilized from a 0.2 µm filtered solution in PBS. |
| Bio-activity | Measured by the ability of the immobilized protein to support the adhesion of SVEC4-10 mouse vascular endothelial cells. When 5 x 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. |
| Molecular Mass | Recombinant Mouse Npnt, His-tagged has a calculated MW of 60.3 kDa. In SDS-PAGE migrates as 80-95 kDa, reducing conditions. |
| Purity | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| Storage | 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

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