

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 µ 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 5×10^4 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** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA