

Active Recombinant Mouse Nid2 Protein, His-tagged

Cat. No. Nid2-612M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nid2 (Accession # NP_032721) Leu31-Lys1403, fused with an N-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Leu31-Lys1403
Predicted N Terminal	Not obtained, predicted His-tag
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 Recombinant Mouse Nidogen-2 coated plates (10 µg/mL with 100 µL/well), >40% will adhere after one hour at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Nid2, His-tagged has a calculated MW of 151.5 kDa. In SDS-PAGE migrates as 170-185 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

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	Nid2 nidogen 2 [Mus musculus]
Official Symbol	Nid2
Synonyms	NID2; nidogen 2; nidogen-2; entactin 2; Ly111; NID-2; AW547149; entactin-2;
Gene ID	18074
mRNA Refseq	NM_008695
Protein Refseq	NP_032721
MIM	

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