

## Active Recombinant Human NID1 protein, His-tagged

Cat. No. NID1-331H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NID1(Leu29-Lys1114 (Gln1113Arg)) fused with His tag at N-terminal was expressed in NS0.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	29-1114 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from a 0.2 µm 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 4 x 10 <sup>4</sup> cells/well are added to rhNidogen-1 coated plates (30 µg/mL with 100 µL/well), approximately 40-75% will adhere after one hour at 37 centigrade.
<b>Molecular Mass</b>	Predicted Molecular Mass: 120 kDa;SDS-PAGE: 130 kDa, reducing conditions;
<b>Endotoxin</b>	<1.0 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
<b>Storage</b>	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70

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centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution** Reconstitute at 100 µg/mL in sterile PBS.

## GENE INFORMATION

**Gene Name** [NID1 nidogen 1 \[ Homo sapiens \]](#)

**Official Symbol** [NID1](#)

**Synonyms** NID1; nidogen 1; NID, nidogen (enactin); nidogen-1; enactin; NID-1; enactin; NID;

**Gene ID** [4811](#)

**mRNA Refseq** [NM\\_002508](#)

**Protein Refseq** [NP\\_002499](#)

**MIM** [131390](#)

**UniProt ID** [P14543](#)

**Chromosome Location** 1q43

**Function** calcium ion binding; collagen binding; extracellular matrix binding; laminin-1 binding;

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