

Active Recombinant Human NID1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NID1(Leu29-Lys1114 (Gln1113Arg)) fused with His tag at N-terminal was expressed in NS0.
Species	Human
Source	Mammalian Cells
ProteinLength	29-1114 a.a.
Predicted N Terminal	His
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 4×10^4 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.
Molecular Mass	Predicted Molecular Mass: 120 kDa;SDS-PAGE: 130 kDa, reducing conditions;
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70

 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

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; entactin; 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;

 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