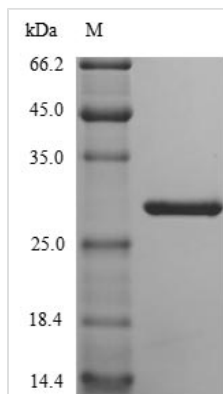




# Recombinant Mouse Nidogen-1 (Nid1), partial

<b>Product Code</b>	CSB-YP015802MOe1
<b>Relevance</b>	Sulfated glycoprotein widely distributed in basement membranes and tightly associated with laminin. Also binds to collagen IV and perlecan. It probably has a role in cell-extracellular matrix interactions.
<b>Abbreviation</b>	Recombinant Mouse Nid1 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P10493
<b>Alias</b>	Entactin
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	SPQRVNGKVKGRIFVGSSQVPVVFENTDLHSYVVMNHGRSYTAISTIPETVGYSLLPLAPIGGIIGWMFAVEQDGFKNFSGITGGEFTRQAEVTFLGHPGKLVKQQFSGIDEHGHILTISTELEGRVPQIPYGASVHIEPYTELYHYSSSVITSSSTREYTVMEPDQDGAAPSHTHIYQWRQTITFQECAHDDARPALPSTQQQLSVDSVFLYNKEERILRYALSNSIGPVRDGPDA
<b>Research Area</b>	Others
<b>Source</b>	Yeast
<b>Target Names</b>	Nid1
<b>Expression Region</b>	428-665aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	26.3kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

Unlock the potential of your research with the Recombinant Mouse Nid1 protein. This protein closely mirrors the native Nidogen-1 (also known as NID-1 and Entactin) present in Mouse species, making it an ideal candidate for varied research applications.

This recombinant protein covers a partial expression region from 428-665 amino acids, precisely cloned and expressed in a yeast system for optimal functionality. For the convenience of detection and minimal interference with the protein's activity, the protein is tag-free, allowing for studies in conditions mirroring the natural biological environment.

The Recombinant Mouse Nid1 protein assures high reliability in your experiments, with purity greater than 90% as confirmed by SDS-PAGE. It is available in both liquid and lyophilized powder forms, providing you the flexibility to choose the right format for your experiments.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.