



Recombinant Human NID1 Protein Product Manual

1. Product Basic Information

Product No.: REP07596

Protein Name: NID1

Aliases: NID-enactin; entactin

UniProt ID: P14543

UniProt Link: <https://www.uniprot.org/uniprotkb/P14543/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (927-1247aa(R1085A,Y1152A,W1168A,R1194A,Y1196A))

Molecular Weight: 42.0 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (927- 1247aa(R1085A,Y1152A,W1168A,R1194A,Y1196A))

IHQGPAVPTAVIPLPPGTHLLFAQTGKIERLPLEGNTMRKTEAKAFLHVPKVIIGLAF
DCVDKVMVYWDITEPSIGRASLHGGEPTTIIRQDLGSPEGIAVDHLGRNIFWTDSNL
DRIEVAKLDGTQRRVLFETDLVNPRGIVTDSVRGNLYWTDWNADNPKIETSYMDGT
NRRILVQDDLGLPNGLTFDAFSSQLCWVDAGTNRAECLNPSQPSRRKALEGLQAP
FAVTSYGNLYFTDAKMNSVVALDLAISKETDAFQPHKQTALAGITTALSQCPQGHN
YCSVNNGGCTHLCLATPGSRTCRCPDNTLGVDCIEQK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NID1 partial protein (927-1247aa(R1085A,Y1152A,W1168A,R1194A,Y1196A)) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NID1, also known as NID-enactin or entactin, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.