



Recombinant Pig CDH3 Protein Product Manual

1. Product Basic Information

Product No.: REP06411

Protein Name: Calcium-Dependent Adhesion Protein, Placental (CDH3)

Aliases: CDHP; HJMD; PCAD; calcium-dependent adhesion protein, placental

UniProt ID: P22223

UniProt Link: <https://www.uniprot.org/uniprotkb/P22223/entry>

Species Source: Sus scrofa (Pig)

Expression System: Yeast

Protein Length: Full Length (1-145aa)

Molecular Weight: 17.6kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-145aa)

KIAKYELFGHAVSENGASVEEPMNISIIVTDQNDHKPKFTQDVFRGSVLEGVLPGTS
VMQVTATDEDDAINTYNGVVAYSILSQEPKDPHDLMTVHRSTGAISVISSGLDRER
VPEYTLTIQATDMDGDGSSTTATAIVEILDA

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

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 Pig CDH3 full length protein (1-145aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CDH3, also known as CDHP or HJMD or PCAD, 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.