



Recombinant Human CLDN4 Protein Product Manual

1. Product Basic Information

Product No.: REP06479

Protein Name: Hcpe-Claudin Claudin-Cpe-Receptor (CLDN4)

Aliases: CPER; CPE-CPETR; CPETR1; WBSCR8; hCPE-claudin claudin-CPE-receptor

UniProt ID: O14493

UniProt Link: <https://www.uniprot.org/uniprotkb/O14493/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-209aa)

Molecular Weight: 26.6 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Twin-Strep-tagged

2. Amino Acid Sequence (1-209aa)

MASMGQLQVMGIALAVLGWLAVMLCCALPMWRVTAFIGSNIVTSQTIWEGLWMNCV
VQSTGQMCKVYDSLALPQDLQAARALVIISIIVAALGVLLSVVGGKCTNCLEDESA
KAKTMIVAGVVFLLAGLMVIVPVSWTAHNIIQDFYNPLVASGQKREMGASLYVGWA
ASGLLLLGGLLCCNCPRTDKPYSAKYSAAASANYV

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

5. Product Description

This product is a recombinant Human CLDN4 full length protein (1-209aa) expressed in Mammalian cell. The protein is dual-tagged with 10xHis tag at the N-terminus and Twin-Strep tag at the C-terminus, which facilitates protein purification, detection and identification. CLDN4, also known as CPER or CPE-CPETR or CPETR1, 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.