

# Recombinant *Haliotis laevis* Perlwapin Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07765

**Protein Name:** Transcriptional Regulatory Protein Algp-Like (Perlwapin)

**Aliases:** transcriptional regulatory protein AlgP-like

**UniProt ID:** P84811

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P84811/entry>

**Species Source:** *Haliotis laevis*

**Expression System:** *E. coli*

**Protein Length:** Full Length (1-134aa)

**Molecular Weight:** 19.5kDa

**Protein Tag:** N-terminal 10xHis-tagged and C-terminal Myc-tagged

## 2. Amino Acid Sequence (1-134aa)

YGPNLPGCPPGPYPRICARYCHSDRECKAGYYCCNTGCLNICVPKPKPGLCPAIRP  
GPCKGNVCSNDQDCPGNQKCCGKPGCRRCYRPEKPGSCPPRKYDAGVCVIYCV  
GDFDCPGNEKCCGSCPRRCEKPCFD

## 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



**Enlibio** Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9  
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 *Halictis laevigata* Perlwapin full length protein (1-134aa) expressed in *E.coli*. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. Perlwapin, also known as transcriptional regulatory protein AlgP-like, 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.