

# Recombinant Chicken PYY Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07977

**Protein Name:** Pyy-Peptide Yy (PYY)

**Aliases:** PYY1; PYY-peptide YY; prepro-PYY; peptide tyrosine tyrosine

**UniProt ID:** P10082

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P10082/entry>

**Species Source:** Gallus gallus (Chicken)

**Expression System:** E.coli

**Protein Length:** Full Length (1-37aa)

**Molecular Weight:** 19.6 kDa

**Protein Tag:** N-terminal 6xHis-KSI-tagged

## 2. Amino Acid Sequence (1-37aa)

AYPPKPESPGDAASPEEIAQYFSALRHYINLVTRQRY

## 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



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This product is a recombinant Chicken PYY full length protein (1-37aa) expressed in E.coli. The protein is with 6xHis-KSI tag at the N-terminus, which facilitates protein purification, detection and identification. PYY, also known as PYY1 or PYY-peptide YY or prepro-PYY, 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.