



# Recombinant strain 17 gG Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP06969

**Protein Name:** gG

**Aliases:** goggle

**UniProt ID:** P06484

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P06484/entry>

**Species Source:** Human herpesvirus 1 (strain 17) (HHV-1) (Human herpes simplex virus 1)

**Expression System:** E.coli

**Protein Length:** Partial (25-189aa)

**Molecular Weight:** 33.4 kDa

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

## 2. Amino Acid Sequence (25-189aa)

VPTNVSSTTQPQLQTTGRPSHEAPNMTQTGTTDSPTAISLTTPDHTPPMPSIGLEEE  
EEEEGAGDGEHLEGGDGTRDTLPQSPGPAFPLAEDVEKDKPNRPVVPSPDPNNSP  
ARPETSRPKTPPTIIGPLATRPTRLTSKGRPLVPTPQHTPLFSFLTASPALD

## 3. Storage Buffer

**Liquid Delivery Form:** Tris-based buffer with 50% glycerol.

**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 strain 17 gG partial protein (25-189aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. gG, also known as goggle, 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.