



Recombinant isolate Pig/United States/SD 01-08/2001 GP5 Protein Product Manual

1. Product Basic Information

Product No.: REP07013

Protein Name: Glycoprotein Glycoprotein V Platelet (GP5)

Aliases: GPV; CD42d; glycoprotein glycoprotein V platelet; platelet glycoprotein V

UniProt ID: P40197

UniProt Link: <https://www.uniprot.org/uniprotkb/P40197/entry>

Species Source: Porcine reproductive and respiratory syndrome virus (isolate Pig/United States/SD 01-08/2001) (PRRSV)

Expression System: E.coli

Protein Length: Partial (33-63aa)

Molecular Weight: 30.2 kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (33-63aa)

DGNGNNSTYQYIYNLTICELNGTNWLSGHFE

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 isolate Pig/United States/SD 01-08/2001 GP5 partial protein (33-63aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. GP5, also known as GPV or CD42d or glycoprotein glycoprotein V platelet, 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.