Recombinant Human VHL Protein Product Manual

1. Product Basic Information

Product No.: REP08633

Protein Name: Protein G7 (VHL)

Aliases: RCA1; VHL1; pVHL; HRCA1; protein G7; elongin binding protein; von Hippel-Lindau tumor suppressor; von Hippel-Lindau disease tumor suppressor

UniProt ID: P40337

UniProt Link: https://www.uniprot.org/uniprotkb/P40337/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-213aa)

Molecular Weight: 28.2 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-213aa)

MPRRAENWDEAEVGAEEAGVEEYGPEEDGGEESGAEESGPEESGPEELGAEEE
MEAGRPRPVLRSVNSREPSQVIFCNRSPRVVLPVWLNFDGEPQPYPTLPPGTGRRI
HSYRGHLWLFRDAGTHDGLLVNQTELFVPSLNVDGQPIFANITLPVYTLKERCLQVV
RSLVKPENYRRLDIVRSLYEDLEDHPNVQKDLERLTQERIAHQRMGD

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 Human VHL full length protein (1-213aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. VHL, also known as RCA1 or VHL1 or pVHL, 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.